

**Instrument ID:** P5

**Daily Analysis Runlog For Sequence/QC Batch ID # LB134069**

|                  |                                                         |              |                        |
|------------------|---------------------------------------------------------|--------------|------------------------|
| Review By        | Sarabjit Jaswal                                         | Review On    | 12/25/2024 11:40:50 PM |
| Supervise By     | Kareem Khairalla                                        | Supervise On | 12/27/2024 4:23:37 PM  |
| <b>STD. NAME</b> | <b>STD REF.#</b>                                        |              |                        |
| ICAL Standard    | MP83500,MP83507,MP83505,MP83504,MP83503,MP83502,MP83501 |              |                        |
| ICV Standard     | MP83508                                                 |              |                        |
| CCV Standard     | MP83511                                                 |              |                        |
| ICSA Standard    | MP83509,MP83510                                         |              |                        |
| CRI Standard     |                                                         |              |                        |
| LCS Standard     | MP83506                                                 |              |                        |
| Chk Standard     | MP83513,MP83514                                         |              |                        |

| Sr# | SampleId   | ClientID | QcType | Date           | Comment                             | Operator | Status   |
|-----|------------|----------|--------|----------------|-------------------------------------|----------|----------|
| 1   | S0         | S0       | CAL1   | 12/23/24 13:14 |                                     | Kareem   | OK       |
| 2   | S1         | S01      | CAL2   | 12/23/24 13:18 |                                     | Kareem   | OK       |
| 3   | S2         | S02      | CAL3   | 12/23/24 13:23 |                                     | Kareem   | OK       |
| 4   | S3         | S03      | CAL4   | 12/23/24 13:26 |                                     | Kareem   | OK       |
| 5   | S4         | S04      | CAL5   | 12/23/24 13:30 |                                     | Kareem   | OK       |
| 6   | S5         | S05      | CAL6   | 12/23/24 13:34 |                                     | Kareem   | OK       |
| 7   | S6         | S06      | CAL7   | 12/23/24 13:38 |                                     | Kareem   | OK       |
| 8   | ICV001     | ICV001   | ICV    | 12/23/24 13:56 | Inst. paused for calibration review | Kareem   | OK       |
| 9   | ICB001     | ICB001   | ICB    | 12/23/24 14:00 |                                     | Kareem   | OK       |
| 10  | ICSA001    | ICSA001  | ICSA   | 12/23/24 14:04 |                                     | Kareem   | OK       |
| 11  | ICSAB001   | ICSAB001 | ICSAB  | 12/23/24 14:08 |                                     | Kareem   | OK       |
| 12  | CCV001     | CCV001   | CCV    | 12/23/24 14:12 |                                     | Kareem   | OK       |
| 13  | CCB001     | CCB001   | CCB    | 12/23/24 14:16 |                                     | Kareem   | OK       |
| 14  | P5033-04DL | MBHK96   | SAM    | 12/23/24 14:28 | 2x for Ca                           | Kareem   | Confirms |
| 15  | P5033-12DL | MBHKA2   | SAM    | 12/23/24 14:32 | 2x for Ca                           | Kareem   | Confirms |
| 16  | P5033-13DL | MBHKA3   | SAM    | 12/23/24 14:36 | 2x for Ca                           | Kareem   | Confirms |
| 17  | P5034-03DL | MBHKB6   | SAM    | 12/23/24 14:40 | 2x for Mn                           | Kareem   | Confirms |
| 18  | P5034-04DL | MBHKB6D  | DUP    | 12/23/24 14:44 | 2x for Mn                           | Kareem   | Confirms |

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| Review By    | Sarabjit Jaswal  | Review On    | 12/25/2024 11:40:50 PM |
| Supervise By | Kareem Khairalla | Supervise On | 12/27/2024 4:23:37 PM  |

| STD. NAME     | STD REF.#                                               |
|---------------|---------------------------------------------------------|
| ICAL Standard | MP83500,MP83507,MP83505,MP83504,MP83503,MP83502,MP83501 |
| ICV Standard  | MP83508                                                 |
| CCV Standard  | MP83511                                                 |
| ICSA Standard | MP83509,MP83510                                         |
| CRI Standard  |                                                         |
| LCS Standard  | MP83506                                                 |
| Chk Standard  | MP83513,MP83514                                         |

|    |             |         |     |                |                         |        |          |
|----|-------------|---------|-----|----------------|-------------------------|--------|----------|
| 19 | P5034-03DL  | MBHKB6L | SD  | 12/23/24 14:48 | 10x for Mn              | Kareem | Confirms |
| 20 | P5034-05DL  | MBHKB6S | MS  | 12/23/24 14:52 | 2x for Mn               | Kareem | Confirms |
| 21 | P5034-13DL  | MBHKJ0  | SAM | 12/23/24 14:56 | 5x for Ca               | Kareem | Confirms |
| 22 | P5233-03DL  | ME28R7  | SAM | 12/23/24 15:00 | 2x for Ca               | Kareem | Confirms |
| 23 | P5233-04DL  | ME28R8  | SAM | 12/23/24 15:04 | 2x for Ca               | Kareem | Confirms |
| 24 | P5233-06DL  | ME28S0  | SAM | 12/23/24 15:08 | 2x for Ca               | Kareem | Confirms |
| 25 | P5233-17DL  | ME28T1  | SAM | 12/23/24 15:11 | 5x for Fe               | Kareem | Confirms |
| 26 | P5233-19DL  | ME28T3  | SAM | 12/23/24 15:15 | 2x for Fe               | Kareem | Confirms |
| 27 | P5037-12DL  | MBHK75  | SAM | 12/23/24 15:29 | 2x for Ca               | Kareem | Confirms |
| 28 | P5037-20DL  | MBHKG7  | SAM | 12/23/24 15:33 | 2x for Ca               | Kareem | Confirms |
| 29 | P5028-01DL  | MBHK34  | SAM | 12/23/24 15:37 | 2x for Ca               | Kareem | Confirms |
| 30 | P5028-02DL  | MBHK35  | SAM | 12/23/24 15:41 | 2x for Ca               | Kareem | Confirms |
| 31 | P5009-21DL  | MBHJZ3  | SAM | 12/23/24 15:45 | 2x for Ca               | Kareem | Confirms |
| 32 | P4984-08DL  | MBHJT5  | SAM | 12/23/24 15:49 | 5x for Ca               | Kareem | Confirms |
| 33 | P4983-20DL  | MBHJH0  | SAM | 12/23/24 15:53 | 5x for Ca               | Kareem | Confirms |
| 34 | CCV002      | CCV002  | CCV | 12/23/24 15:57 |                         | Kareem | OK       |
| 35 | CCB002      | CCB002  | CCB | 12/23/24 16:10 | Inst. paused for review | Kareem | OK       |
| 36 | P5039-07DL  | MBHKJ7  | SAM | 12/23/24 16:14 | 2x for Ca               | Kareem | Confirms |
| 37 | P5039-08DL  | MBHKJ7D | DUP | 12/23/24 16:18 | 2x for Ca               | Kareem | Confirms |
| 38 | P5039-07LDL | MBHKJ7L | SD  | 12/23/24 16:21 | 10x for Ca              | Kareem | Confirms |

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| Supervise By | Kareem Khairalla | Supervise On | 12/27/2024 4:23:37 PM  |

| STD. NAME     | STD REF.#                                               |
|---------------|---------------------------------------------------------|
| ICAL Standard | MP83500,MP83507,MP83505,MP83504,MP83503,MP83502,MP83501 |
| ICV Standard  | MP83508                                                 |
| CCV Standard  | MP83511                                                 |
| ICSA Standard | MP83509,MP83510                                         |
| CRI Standard  |                                                         |
| LCS Standard  | MP83506                                                 |
| Chk Standard  | MP83513,MP83514                                         |

|    |             |         |     |                |                                                                   |        |          |
|----|-------------|---------|-----|----------------|-------------------------------------------------------------------|--------|----------|
| 39 | P5039-09DL  | MBHKJ7S | MS  | 12/23/24 16:26 | 2x for Ca                                                         | Kareem | Confirms |
| 40 | P5039-16DL  | MBHKL8  | SAM | 12/23/24 16:29 | 2x for Ca                                                         | Kareem | Confirms |
| 41 | P5180-01DL  | MYCYW9  | SAM | 12/23/24 16:33 | 4x for Mn                                                         | Kareem | Confirms |
| 42 | P5180-03DL  | MYCYX1  | SAM | 12/23/24 16:37 | 4x for Mn                                                         | Kareem | Confirms |
| 43 | P5180-04DL  | MYCYX2  | SAM | 12/23/24 16:41 | 5x for Mn                                                         | Kareem | Confirms |
| 44 | P5180-05DL  | MYCYX3  | SAM | 12/23/24 16:45 | 8x for Mn                                                         | Kareem | Confirms |
| 45 | P5180-06DL  | MYCYX4  | SAM | 12/23/24 16:49 | 8x for Mn                                                         | Kareem | Confirms |
| 46 | P5180-07DL  | MYCYX5  | SAM | 12/23/24 16:53 | 8x for Mn                                                         | Kareem | Confirms |
| 47 | P5180-08DL  | MYCYX6  | SAM | 12/23/24 16:57 | 8x for Mn                                                         | Kareem | Confirms |
| 48 | P5180-09DL  | MYCYX7  | SAM | 12/23/24 17:01 | 8x for Mn                                                         | Kareem | Confirms |
| 49 | P5180-10DL  | MYCYX8  | SAM | 12/23/24 17:05 | 10x for Mn                                                        | Kareem | Confirms |
| 50 | P5181-10DL  | MYCYY8  | SAM | 12/23/24 17:09 | 4x for Mn                                                         | Kareem | Confirms |
| 51 | P5184-20DL  | MYCZF8  | SAM | 12/23/24 17:13 |                                                                   | Kareem | OK       |
| 52 | P5184-21DL  | MYCZF8D | DUP | 12/23/24 17:17 |                                                                   | Kareem | OK       |
| 53 | P5184-20LDL | MYCZF8L | SD  | 12/23/24 17:21 |                                                                   | Kareem | OK       |
| 54 | P5184-22DL  | MYCZF8S | MS  | 12/23/24 17:25 | MS fail for Cr (862.76 ppb),<br>Zn (1114.67 ppb),<br>Ag(Below RL) | Kareem | OK       |
| 55 | P5154-09DL  | ME28P7  | SAM | 12/23/24 17:29 | 5x for Ca                                                         | Kareem | Confirms |
| 56 | CCV003      | CCV003  | CCV | 12/23/24 17:33 |                                                                   | Kareem | OK       |
| 57 | CCB003      | CCB003  | CCB | 12/23/24 17:37 |                                                                   | Kareem | OK       |

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| Supervise By | Kareem Khairalla | Supervise On | 12/27/2024 4:23:37 PM  |

| STD. NAME     | STD REF.#                                               |
|---------------|---------------------------------------------------------|
| ICAL Standard | MP83500,MP83507,MP83505,MP83504,MP83503,MP83502,MP83501 |
| ICV Standard  | MP83508                                                 |
| CCV Standard  | MP83511                                                 |
| ICSA Standard | MP83509,MP83510                                         |
| CRI Standard  |                                                         |
| LCS Standard  | MP83506                                                 |
| Chk Standard  | MP83513,MP83514                                         |

|    |             |         |     |                |                                                                              |        |          |
|----|-------------|---------|-----|----------------|------------------------------------------------------------------------------|--------|----------|
| 58 | P4978-05DL  | MBHJ51  | SAM | 12/23/24 17:41 | 5x for Ca                                                                    | Kareem | Confirms |
| 59 | P4978-06DL  | MBHJ52  | SAM | 12/23/24 17:45 | 5x for Ca                                                                    | Kareem | Confirms |
| 60 | P4978-07DL  | MBHJ53  | SAM | 12/23/24 17:49 | 5x for Ca                                                                    | Kareem | Confirms |
| 61 | P4979-14DL  | MBHJA2  | SAM | 12/23/24 17:53 | 2x for Ca                                                                    | Kareem | Confirms |
| 62 | P4979-16DL  | MBHJA4  | SAM | 12/23/24 17:57 | 5x for Ca                                                                    | Kareem | Confirms |
| 63 | P4980-03DL  | MBHJ72  | SAM | 12/23/24 18:01 | 5x for Ca                                                                    | Kareem | Confirms |
| 64 | P4980-10DL  | MBHJ86  | SAM | 12/23/24 18:05 | 5x for Ca                                                                    | Kareem | Confirms |
| 65 | P4980-16DL  | MBHJ90  | SAM | 12/23/24 18:09 | 5x for Ca                                                                    | Kareem | Confirms |
| 66 | P4980-17DL  | MBHJB0  | SAM | 12/23/24 18:13 | 5x for Ca                                                                    | Kareem | Confirms |
| 67 | P4982-05DL  | MBHJ37  | SAM | 12/23/24 18:17 | 5x for Ca                                                                    | Kareem | Confirms |
| 68 | P4982-15DL  | MBHJE9  | SAM | 12/23/24 18:21 | 5x for Ca                                                                    | Kareem | Confirms |
| 69 | P4982-16DL  | MBHJF0  | SAM | 12/23/24 18:24 | 5x for Ca                                                                    | Kareem | Confirms |
| 70 | P5008-02DL  | MBHJJ1  | SAM | 12/23/24 18:28 | 5x for Ca                                                                    | Kareem | Confirms |
| 71 | P5008-03DL  | MBHJJ3  | SAM | 12/23/24 18:32 | 5x for Ca                                                                    | Kareem | Confirms |
| 72 | P5008-04DL  | MBHJJ4  | SAM | 12/23/24 18:36 | 5x for Ca                                                                    | Kareem | Confirms |
| 73 | P5008-05DL  | MBHJJ5  | SAM | 12/23/24 18:40 | 5x for Ca                                                                    | Kareem | Confirms |
| 74 | P5008-06DL  | MBHJJ6  | SAM | 12/23/24 18:44 | 5x for Ca                                                                    | Kareem | Confirms |
| 75 | P5183-20ADL | MYCZD8A | PS  | 12/23/24 18:48 | PS For Cr(0.016ml m5658),Cu(-0.038ml m5697),Ti(0.05ml mp83745) - 10ml Sample | Kareem | OK       |

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| Supervise By | Kareem Khairalla | Supervise On | 12/27/2024 4:23:37 PM  |

| STD. NAME     | STD REF.#                                               |
|---------------|---------------------------------------------------------|
| ICAL Standard | MP83500,MP83507,MP83505,MP83504,MP83503,MP83502,MP83501 |
| ICV Standard  | MP83508                                                 |
| CCV Standard  | MP83511                                                 |
| ICSA Standard | MP83509,MP83510                                         |
| CRI Standard  |                                                         |
| LCS Standard  | MP83506                                                 |
| Chk Standard  | MP83513,MP83514                                         |

|    |           |         |     |                |                                                                                                  |        |    |
|----|-----------|---------|-----|----------------|--------------------------------------------------------------------------------------------------|--------|----|
| 76 | P5009-04A | MBHJQ3A | PS  | 12/23/24 18:52 | PS for Cu(0.0032ml m5697),Se(0.013ml mp83726),Tl(0.05ml mp83745), Zn(0.014ml m5819)- 10ml Sample | Kareem | OK |
| 77 | P5028-07A | MBHK40A | PS  | 12/23/24 18:56 | PS for Se(0.07ml mp83723)- 10ml Sample                                                           | Kareem | OK |
| 78 | CCV004    | CCV004  | CCV | 12/23/24 19:00 |                                                                                                  | Kareem | OK |
| 79 | CCB004    | CCB004  | CCB | 12/23/24 19:03 |                                                                                                  | Kareem | OK |
| 80 | P5033-05A | MBHK97A | PS  | 12/23/24 19:07 | PS for Se(0.07ml mp83723),Zn(0.037ml m5819) - 10ml Sample                                        | Kareem | OK |
| 81 | P5034-03A | MBHKB6A | PS  | 12/23/24 19:11 | PS For Cu(0.0053ml m5697),Se(0.07ml mp83723),Zn(0.013ml m5819) - 10ml Sample                     | Kareem | OK |
| 82 | P5037-06A | MBHKC0A | PS  | 12/23/24 19:15 | PS for Se(0.07ml mp83723)- 10ml Sample                                                           | Kareem | OK |
| 83 | P5039-07A | MBHKJ7A | PS  | 12/23/24 19:19 | PS for Se(0.07ml mp83723)- 10ml Sample                                                           | Kareem | OK |
| 84 | P5042-01A | MBHKB0A | PS  | 12/23/24 19:23 | PS for Se(0.07ml mp83723)- 10ml Sample                                                           | Kareem | OK |
| 85 | P5090-01  | MBHM14  | SAM | 12/23/24 19:27 |                                                                                                  | Kareem | OK |
| 86 | P5090-02  | MBHM15  | SAM | 12/23/24 19:31 |                                                                                                  | Kareem | OK |
| 87 | P5090-03  | MBHM16  | SAM | 12/23/24 19:34 |                                                                                                  | Kareem | OK |
| 88 | P5090-04  | MBHM17  | SAM | 12/23/24 19:38 |                                                                                                  | Kareem | OK |
| 89 | P5090-05  | MBHM18  | SAM | 12/23/24 19:42 |                                                                                                  | Kareem | OK |
| 90 | P5090-06  | MBHM19  | SAM | 12/23/24 19:46 |                                                                                                  | Kareem | OK |

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| Supervise By     | Kareem Khairalla                                        | Supervise On | 12/27/2024 4:23:37 PM  |
| <b>STD. NAME</b> | <b>STD REF.#</b>                                        |              |                        |
| ICAL Standard    | MP83500,MP83507,MP83505,MP83504,MP83503,MP83502,MP83501 |              |                        |
| ICV Standard     | MP83508                                                 |              |                        |
| CCV Standard     | MP83511                                                 |              |                        |
| ICSA Standard    | MP83509,MP83510                                         |              |                        |
| CRI Standard     |                                                         |              |                        |
| LCS Standard     | MP83506                                                 |              |                        |
| Chk Standard     | MP83513,MP83514                                         |              |                        |

|     |            |         |     |                |                                                                                                                             |        |    |
|-----|------------|---------|-----|----------------|-----------------------------------------------------------------------------------------------------------------------------|--------|----|
| 91  | P5090-07   | MBHM20  | SAM | 12/23/24 19:50 |                                                                                                                             | Kareem | OK |
| 92  | P5090-08   | MBHM21  | SAM | 12/23/24 19:54 |                                                                                                                             | Kareem | OK |
| 93  | P5090-09   | MBHM22  | SAM | 12/23/24 19:58 |                                                                                                                             | Kareem | OK |
| 94  | P5090-10   | MBHM23  | SAM | 12/23/24 20:01 |                                                                                                                             | Kareem | OK |
| 95  | P5090-11   | MBHM24  | SAM | 12/23/24 20:05 |                                                                                                                             | Kareem | OK |
| 96  | P5090-12   | MBHM25  | SAM | 12/23/24 20:09 |                                                                                                                             | Kareem | OK |
| 97  | P5090-13   | MBHM25D | DUP | 12/23/24 20:13 |                                                                                                                             | Kareem | OK |
| 98  | P5090-12L  | MBHM25L | SD  | 12/23/24 20:17 |                                                                                                                             | Kareem | OK |
| 99  | P5090-14   | MBHM25S | MS  | 12/23/24 20:21 | MS fail for As (243.86 ppb)<br>, Ba (1459.46 ppb), Cu<br>(427.24 ppb), Se (177<br>ppb), Zn (1503.85 ppb) &<br>TI (Below RL) | Kareem | OK |
| 100 | CCV005     | CCV005  | CCV | 12/23/24 20:28 |                                                                                                                             | Kareem | OK |
| 101 | CCB005     | CCB005  | CCB | 12/23/24 20:32 |                                                                                                                             | Kareem | OK |
| 102 | P5090-15   | MBHM26  | SAM | 12/23/24 20:36 |                                                                                                                             | Kareem | OK |
| 103 | P5090-16   | MBHM27  | SAM | 12/23/24 20:40 |                                                                                                                             | Kareem | OK |
| 104 | P5090-17   | MBHM28  | SAM | 12/23/24 20:44 |                                                                                                                             | Kareem | OK |
| 105 | P5090-18   | MBHM36  | SAM | 12/23/24 20:48 |                                                                                                                             | Kareem | OK |
| 106 | P5090-19   | MBHM37  | SAM | 12/23/24 20:51 |                                                                                                                             | Kareem | OK |
| 107 | PB165739BL | PBS739  | MB  | 12/23/24 20:55 |                                                                                                                             | Kareem | OK |
| 108 | PB165739BS | LCS739  | LCS | 12/23/24 20:59 |                                                                                                                             | Kareem | OK |

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| Supervise By | Kareem Khairalla | Supervise On | 12/27/2024 4:23:37 PM  |

| STD. NAME     | STD REF.#                                               |
|---------------|---------------------------------------------------------|
| ICAL Standard | MP83500,MP83507,MP83505,MP83504,MP83503,MP83502,MP83501 |
| ICV Standard  | MP83508                                                 |
| CCV Standard  | MP83511                                                 |
| ICSA Standard | MP83509,MP83510                                         |
| CRI Standard  |                                                         |
| LCS Standard  | MP83506                                                 |
| Chk Standard  | MP83513,MP83514                                         |

|     |           |         |     |                |                                                                          |        |    |
|-----|-----------|---------|-----|----------------|--------------------------------------------------------------------------|--------|----|
| 109 | P5063-01  | MBHL28  | SAM | 12/23/24 21:03 |                                                                          | Kareem | OK |
| 110 | P5063-02  | MBHL29  | SAM | 12/23/24 21:07 |                                                                          | Kareem | OK |
| 111 | P5063-03  | MBHL30  | SAM | 12/23/24 21:11 |                                                                          | Kareem | OK |
| 112 | P5063-04  | MBHL31  | SAM | 12/23/24 21:15 |                                                                          | Kareem | OK |
| 113 | P5063-05  | MBHL32  | SAM | 12/23/24 21:19 |                                                                          | Kareem | OK |
| 114 | P5063-06  | MBHL33  | SAM | 12/23/24 21:23 |                                                                          | Kareem | OK |
| 115 | P5063-07  | MBHL34  | SAM | 12/23/24 21:26 |                                                                          | Kareem | OK |
| 116 | P5063-08  | MBHL34D | DUP | 12/23/24 21:30 |                                                                          | Kareem | OK |
| 117 | P5063-07L | MBHL34L | SD  | 12/23/24 21:34 |                                                                          | Kareem | OK |
| 118 | P5063-09  | MBHL34S | MS  | 12/23/24 21:38 | MS fail for Cu (179.98 ppb),<br>Zn (381.63 ppb) &<br>Sb,Se,Ag (Below RL) | Kareem | OK |
| 119 | P5063-10  | MBHL77  | SAM | 12/23/24 21:42 |                                                                          | Kareem | OK |
| 120 | P5063-11  | MBHL78  | SAM | 12/23/24 21:46 |                                                                          | Kareem | OK |
| 121 | P5063-12  | MBHL79  | SAM | 12/23/24 21:49 |                                                                          | Kareem | OK |
| 122 | CCV006    | CCV006  | CCV | 12/23/24 21:53 |                                                                          | Kareem | OK |
| 123 | CCB006    | CCB006  | CCB | 12/23/24 21:57 |                                                                          | Kareem | OK |
| 124 | P5071-01  | MBHKX5  | SAM | 12/23/24 22:01 |                                                                          | Kareem | OK |
| 125 | P5071-02  | MBHKX5D | DUP | 12/23/24 22:05 |                                                                          | Kareem | OK |
| 126 | P5071-01L | MBHKX5L | SD  | 12/23/24 22:09 |                                                                          | Kareem | OK |
|     |           |         |     |                |                                                                          |        |    |

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| Supervise By | Kareem Khairalla | Supervise On | 12/27/2024 4:23:37 PM  |

| STD. NAME     | STD REF.#                                               |
|---------------|---------------------------------------------------------|
| ICAL Standard | MP83500,MP83507,MP83505,MP83504,MP83503,MP83502,MP83501 |
| ICV Standard  | MP83508                                                 |
| CCV Standard  | MP83511                                                 |
| ICSA Standard | MP83509,MP83510                                         |
| CRI Standard  |                                                         |
| LCS Standard  | MP83506                                                 |
| Chk Standard  | MP83513,MP83514                                         |

|     |            |         |     |                |                                                                                         |        |          |
|-----|------------|---------|-----|----------------|-----------------------------------------------------------------------------------------|--------|----------|
| 127 | P5071-03   | MBHKX5S | MS  | 12/23/24 22:13 | MS fail for Cu (86.93 ppb),<br>Se (40.18 ppb), Zn (565.58<br>ppb) & Sb,Ag,Tl (Below RL) | Kareem | OK       |
| 128 | PB165507BL | PBS507  | MB  | 12/23/24 22:16 |                                                                                         | Kareem | OK       |
| 129 | PB165507BS | LCS507  | LCS | 12/23/24 22:20 |                                                                                         | Kareem | OK       |
| 130 | P5084-01   | MBHLR0  | SAM | 12/23/24 22:24 |                                                                                         | Kareem | OK       |
| 131 | P5084-02   | MBHLW6  | SAM | 12/23/24 22:28 |                                                                                         | Kareem | OK       |
| 132 | P5084-03   | MBHLW7  | SAM | 12/23/24 22:32 |                                                                                         | Kareem | OK       |
| 133 | P5084-04   | MBHLW8  | SAM | 12/23/24 22:36 |                                                                                         | Kareem | OK       |
| 134 | P5084-05   | MBHLW9  | SAM | 12/23/24 22:40 | Ca high                                                                                 | Kareem | Dilution |
| 135 | P5084-06   | MBHLX0  | SAM | 12/23/24 22:43 | Ca high                                                                                 | Kareem | Dilution |
| 136 | P5084-07   | MBHLX1  | SAM | 12/23/24 22:47 | Ca high                                                                                 | Kareem | Dilution |
| 137 | P5084-08   | MBHLX2  | SAM | 12/23/24 22:51 | Ca high                                                                                 | Kareem | Dilution |
| 138 | P5084-09   | MBHLX3  | SAM | 12/23/24 22:55 |                                                                                         | Kareem | OK       |
| 139 | P5084-10   | MBHLX4  | SAM | 12/23/24 22:59 |                                                                                         | Kareem | OK       |
| 140 | P5084-11   | MBHLX5  | SAM | 12/23/24 23:03 |                                                                                         | Kareem | OK       |
| 141 | P5084-12   | MBHLX6  | SAM | 12/23/24 23:06 |                                                                                         | Kareem | OK       |
| 142 | P5084-13   | MBHLX7  | SAM | 12/23/24 23:10 |                                                                                         | Kareem | OK       |
| 143 | P5084-14   | MBHLX7D | DUP | 12/23/24 23:14 |                                                                                         | Kareem | OK       |
| 144 | CCV007     | CCV007  | CCV | 12/23/24 23:18 |                                                                                         | Kareem | OK       |
| 145 | CCB007     | CCB007  | CCB | 12/23/24 23:22 |                                                                                         | Kareem | OK       |

Instrument ID: P5

**Daily Analysis Runlog For Sequence/QC Batch ID # LB134069**

|              |                  |              |                        |
|--------------|------------------|--------------|------------------------|
| Review By    | Sarabjit Jaswal  | Review On    | 12/25/2024 11:40:50 PM |
| Supervise By | Kareem Khairalla | Supervise On | 12/27/2024 4:23:37 PM  |

| STD. NAME     | STD REF.#                                               |
|---------------|---------------------------------------------------------|
| ICAL Standard | MP83500,MP83507,MP83505,MP83504,MP83503,MP83502,MP83501 |
| ICV Standard  | MP83508                                                 |
| CCV Standard  | MP83511                                                 |
| ICSA Standard | MP83509,MP83510                                         |
| CRI Standard  |                                                         |
| LCS Standard  | MP83506                                                 |
| Chk Standard  | MP83513,MP83514                                         |

|     |            |         |     |                |                                                  |        |          |
|-----|------------|---------|-----|----------------|--------------------------------------------------|--------|----------|
| 146 | P5084-13L  | MBHLX7L | SD  | 12/23/24 23:26 |                                                  | Kareem | OK       |
| 147 | P5084-15   | MBHLX7S | MS  | 12/23/24 23:30 | MS fail for Se (70.78 ppb) & Sb,Ag,TI (Below RL) | Kareem | OK       |
| 148 | P5084-16   | MBHLX8  | SAM | 12/23/24 23:33 |                                                  | Kareem | OK       |
| 149 | P5084-17   | MBHLX9  | SAM | 12/23/24 23:37 |                                                  | Kareem | OK       |
| 150 | P5084-18   | MBHM32  | SAM | 12/23/24 23:41 | Ca high                                          | Kareem | Dilution |
| 151 | P5084-19   | MBHM33  | SAM | 12/23/24 23:45 |                                                  | Kareem | OK       |
| 152 | PB165713BL | PBS713  | MB  | 12/23/24 23:49 |                                                  | Kareem | OK       |
| 153 | PB165713BS | LCS713  | LCS | 12/23/24 23:53 |                                                  | Kareem | OK       |
| 154 | P5091-01   | MBHLR4  | SAM | 12/23/24 23:57 | Ca high                                          | Kareem | Dilution |
| 155 | P5091-02   | MBHLR5  | SAM | 12/24/24       | Ca high                                          | Kareem | Dilution |
| 156 | P5091-03   | MBHLR6  | SAM | 12/24/24 00:04 | Ca high                                          | Kareem | Dilution |
| 157 | P5091-04   | MBHLR7  | SAM | 12/24/24 00:08 |                                                  | Kareem | OK       |
| 158 | P5091-05   | MBHLR8  | SAM | 12/24/24 00:12 |                                                  | Kareem | OK       |
| 159 | P5091-06   | MBHLR9  | SAM | 12/24/24 00:16 |                                                  | Kareem | OK       |
| 160 | P5091-07   | MBHLS0  | SAM | 12/24/24 00:20 |                                                  | Kareem | OK       |
| 161 | P5091-08   | MBHLS0D | DUP | 12/24/24 00:23 |                                                  | Kareem | OK       |
| 162 | P5091-07L  | MBHLS0L | SD  | 12/24/24 00:27 |                                                  | Kareem | OK       |
| 163 | P5091-09   | MBHLS0S | MS  | 12/24/24 00:31 | MS fail for Se (100.55 ppb) & Ag,TI (Below RL)   | Kareem | OK       |
| 164 | P5091-10   | MBHLS1  | SAM | 12/24/24 00:35 |                                                  | Kareem | OK       |

Instrument ID: P5

**Daily Analysis Runlog For Sequence/QC Batch ID # LB134069**

|                  |                                                         |              |                        |
|------------------|---------------------------------------------------------|--------------|------------------------|
| Review By        | Sarabjit Jaswal                                         | Review On    | 12/25/2024 11:40:50 PM |
| Supervise By     | Kareem Khairalla                                        | Supervise On | 12/27/2024 4:23:37 PM  |
| <b>STD. NAME</b> | <b>STD REF.#</b>                                        |              |                        |
| ICAL Standard    | MP83500,MP83507,MP83505,MP83504,MP83503,MP83502,MP83501 |              |                        |
| ICV Standard     | MP83508                                                 |              |                        |
| CCV Standard     | MP83511                                                 |              |                        |
| ICSA Standard    | MP83509,MP83510                                         |              |                        |
| CRI Standard     |                                                         |              |                        |
| LCS Standard     | MP83506                                                 |              |                        |
| Chk Standard     | MP83513,MP83514                                         |              |                        |

|     |            |        |     |                |         |        |          |
|-----|------------|--------|-----|----------------|---------|--------|----------|
| 165 | P5091-11   | MBHLS2 | SAM | 12/24/24 00:39 | Ca high | Kareem | Dilution |
| 166 | CCV008     | CCV008 | CCV | 12/24/24 00:42 |         | Kareem | OK       |
| 167 | CCB008     | CCB008 | CCB | 12/24/24 00:46 |         | Kareem | OK       |
| 168 | P5091-12   | MBHLS3 | SAM | 12/24/24 00:50 | Ca high | Kareem | Dilution |
| 169 | P5091-13   | MBHLS4 | SAM | 12/24/24 00:54 | Ca high | Kareem | Dilution |
| 170 | P5091-14   | MBHLS5 | SAM | 12/24/24 00:58 |         | Kareem | OK       |
| 171 | P5091-15   | MBHLS6 | SAM | 12/24/24 01:02 |         | Kareem | OK       |
| 172 | P5091-16   | MBHLS7 | SAM | 12/24/24 01:06 |         | Kareem | OK       |
| 173 | P5091-17   | MBHLS8 | SAM | 12/24/24 01:10 |         | Kareem | OK       |
| 174 | P5091-18   | MBHLS9 | SAM | 12/24/24 01:13 | Ca high | Kareem | Dilution |
| 175 | P5091-19   | MBHLT0 | SAM | 12/24/24 01:17 | Ca high | Kareem | Dilution |
| 176 | P5091-20   | MBHLT1 | SAM | 12/24/24 01:21 | Ca high | Kareem | Dilution |
| 177 | P5091-21   | MBHLT2 | SAM | 12/24/24 01:25 |         | Kareem | OK       |
| 178 | P5091-22   | MBHLT3 | SAM | 12/24/24 01:29 |         | Kareem | OK       |
| 179 | PB165740BL | PBS740 | MB  | 12/24/24 01:33 |         | Kareem | OK       |
| 180 | PB165740BS | LCS740 | LCS | 12/24/24 01:37 |         | Kareem | OK       |
| 181 | P5015-02   | MBHK13 | SAM | 12/24/24 01:41 |         | Kareem | OK       |
| 182 | P5033-21   | MBHKQ4 | SAM | 12/24/24 01:45 |         | Kareem | OK       |
| 183 | P5059-20   | MBHLD7 | SAM | 12/24/24 01:49 |         | Kareem | OK       |
| 184 | P5059-21   | MBHLD8 | SAM | 12/24/24 01:53 |         | Kareem | OK       |

Instrument ID: P5

**Daily Analysis Runlog For Sequence/QC Batch ID # LB134069**

|              |                  |              |                        |
|--------------|------------------|--------------|------------------------|
| Review By    | Sarabjit Jaswal  | Review On    | 12/25/2024 11:40:50 PM |
| Supervise By | Kareem Khairalla | Supervise On | 12/27/2024 4:23:37 PM  |

| STD. NAME     | STD REF.#                                               |
|---------------|---------------------------------------------------------|
| ICAL Standard | MP83500,MP83507,MP83505,MP83504,MP83503,MP83502,MP83501 |
| ICV Standard  | MP83508                                                 |
| CCV Standard  | MP83511                                                 |
| ICSA Standard | MP83509,MP83510                                         |
| CRI Standard  |                                                         |
| LCS Standard  | MP83506                                                 |
| Chk Standard  | MP83513,MP83514                                         |

|     |            |         |     |                |                                                                                                  |        |    |
|-----|------------|---------|-----|----------------|--------------------------------------------------------------------------------------------------|--------|----|
| 185 | P5092-20   | MBHM40  | SAM | 12/24/24 01:57 |                                                                                                  | Kareem | OK |
| 186 | P5132-21   | MBHMN5  | SAM | 12/24/24 02:01 |                                                                                                  | Kareem | OK |
| 187 | P5200-15   | MBHJ3   | SAM | 12/24/24 02:05 |                                                                                                  | Kareem | OK |
| 188 | CCV009     | CCV009  | CCV | 12/24/24 02:09 |                                                                                                  | Kareem | OK |
| 189 | CCB009     | CCB009  | CCB | 12/24/24 02:12 |                                                                                                  | Kareem | OK |
| 190 | P5212-09   | MBHJ4   | SAM | 12/24/24 02:16 |                                                                                                  | Kareem | OK |
| 191 | PB165669BL | PBW669  | MB  | 12/24/24 02:20 |                                                                                                  | Kareem | OK |
| 192 | PB165669BS | LCS669  | LCS | 12/24/24 02:24 |                                                                                                  | Kareem | OK |
| 193 | P5086-01   | MBHLM6  | SAM | 12/24/24 02:28 |                                                                                                  | Kareem | OK |
| 194 | P5086-02   | MBHLM7  | SAM | 12/24/24 02:32 |                                                                                                  | Kareem | OK |
| 195 | P5086-03   | MBHLM8  | SAM | 12/24/24 02:36 |                                                                                                  | Kareem | OK |
| 196 | P5086-04   | MBHLM9  | SAM | 12/24/24 02:40 |                                                                                                  | Kareem | OK |
| 197 | P5086-05   | MBHLM0  | SAM | 12/24/24 02:44 |                                                                                                  | Kareem | OK |
| 198 | P5086-06   | MBHLM1  | SAM | 12/24/24 02:48 |                                                                                                  | Kareem | OK |
| 199 | P5086-07   | MBHLM2  | SAM | 12/24/24 02:51 |                                                                                                  | Kareem | OK |
| 200 | P5086-08   | MBHLM2D | DUP | 12/24/24 02:55 |                                                                                                  | Kareem | OK |
| 201 | P5086-07L  | MBHLM2L | SD  | 12/24/24 02:59 |                                                                                                  | Kareem | OK |
| 202 | P5086-09   | MBHLM2S | MS  | 12/24/24 03:03 | MS fail for Be (8.0 ppb), Cu (169.15 ppb), Se (80.54 ppb), Zn (524.51 ppb) & Sb,Ag,Tl (Below RL) | Kareem | OK |

Instrument ID: P5

**Daily Analysis Runlog For Sequence/QC Batch ID # LB134069**

|                  |                                                         |              |                        |
|------------------|---------------------------------------------------------|--------------|------------------------|
| Review By        | Sarabjit Jaswal                                         | Review On    | 12/25/2024 11:40:50 PM |
| Supervise By     | Kareem Khairalla                                        | Supervise On | 12/27/2024 4:23:37 PM  |
| <b>STD. NAME</b> | <b>STD REF.#</b>                                        |              |                        |
| ICAL Standard    | MP83500,MP83507,MP83505,MP83504,MP83503,MP83502,MP83501 |              |                        |
| ICV Standard     | MP83508                                                 |              |                        |
| CCV Standard     | MP83511                                                 |              |                        |
| ICSA Standard    | MP83509,MP83510                                         |              |                        |
| CRI Standard     |                                                         |              |                        |
| LCS Standard     | MP83506                                                 |              |                        |
| Chk Standard     | MP83513,MP83514                                         |              |                        |

|     |            |         |     |                |         |        |          |
|-----|------------|---------|-----|----------------|---------|--------|----------|
| 203 | P5086-10   | MBHLN3  | SAM | 12/24/24 03:07 |         | Kareem | OK       |
| 204 | P5086-11   | MBHLN4  | SAM | 12/24/24 03:11 |         | Kareem | OK       |
| 205 | P5086-12   | MBHLN5  | SAM | 12/24/24 03:14 |         | Kareem | OK       |
| 206 | P5086-13   | MBHLN6  | SAM | 12/24/24 03:18 |         | Kareem | OK       |
| 207 | P5086-14   | MBHLN7  | SAM | 12/24/24 03:22 | Ca high | Kareem | Dilution |
| 208 | P5086-15   | MBHLN8  | SAM | 12/24/24 03:26 | Ca high | Kareem | Dilution |
| 209 | P5086-16   | MBHLN9  | SAM | 12/24/24 03:30 | Ca high | Kareem | Dilution |
| 210 | CCV010     | CCV010  | CCV | 12/24/24 03:34 |         | Kareem | OK       |
| 211 | CCB010     | CCB010  | CCB | 12/24/24 03:37 |         | Kareem | OK       |
| 212 | P5086-17   | MBHLP7  | SAM | 12/24/24 03:42 |         | Kareem | OK       |
| 213 | P5086-18   | MBHLP8  | SAM | 12/24/24 03:45 |         | Kareem | OK       |
| 214 | P5086-19   | MBHLP9  | SAM | 12/24/24 03:49 |         | Kareem | OK       |
| 215 | P5086-20   | MBHLQ0  | SAM | 12/24/24 03:53 |         | Kareem | OK       |
| 216 | P5086-21   | MBHLQ1  | SAM | 12/24/24 03:57 |         | Kareem | OK       |
| 217 | P5086-22   | MBHLQ2  | SAM | 12/24/24 04:01 |         | Kareem | OK       |
| 218 | PB165725BL | PBS725  | MB  | 12/24/24 04:04 |         | Kareem | OK       |
| 219 | PB165725BS | LCS725  | LCS | 12/24/24 04:08 |         | Kareem | OK       |
| 220 | P5089-01   | MBHLZ4  | SAM | 12/24/24 04:12 |         | Kareem | OK       |
| 221 | P5089-02   | MBHLZ4D | DUP | 12/24/24 04:16 |         | Kareem | OK       |
| 222 | P5089-01L  | MBHLZ4L | SD  | 12/24/24 04:20 |         | Kareem | OK       |

Instrument ID: P5

**Daily Analysis Runlog For Sequence/QC Batch ID # LB134069**

|                  |                                                         |              |                        |
|------------------|---------------------------------------------------------|--------------|------------------------|
| Review By        | Sarabjit Jaswal                                         | Review On    | 12/25/2024 11:40:50 PM |
| Supervise By     | Kareem Khairalla                                        | Supervise On | 12/27/2024 4:23:37 PM  |
| <b>STD. NAME</b> | <b>STD REF.#</b>                                        |              |                        |
| ICAL Standard    | MP83500,MP83507,MP83505,MP83504,MP83503,MP83502,MP83501 |              |                        |
| ICV Standard     | MP83508                                                 |              |                        |
| CCV Standard     | MP83511                                                 |              |                        |
| ICSA Standard    | MP83509,MP83510                                         |              |                        |
| CRI Standard     |                                                         |              |                        |
| LCS Standard     | MP83506                                                 |              |                        |
| Chk Standard     | MP83513,MP83514                                         |              |                        |

|     |          |         |     |                |                                                                                                             |        |    |
|-----|----------|---------|-----|----------------|-------------------------------------------------------------------------------------------------------------|--------|----|
| 223 | P5089-03 | MBHLZ4S | MS  | 12/24/24 04:24 | MS fail for As (201.58 ppb),<br>Cu (299.10 ppb),Se (72.64<br>ppb), Zn (952.81 ppb) &<br>Sb,Ag,Tl (Below RL) | Kareem | OK |
| 224 | P5089-04 | MBHLZ5  | SAM | 12/24/24 04:28 |                                                                                                             | Kareem | OK |
| 225 | P5089-05 | MBHLZ6  | SAM | 12/24/24 04:32 |                                                                                                             | Kareem | OK |
| 226 | P5089-06 | MBHLZ7  | SAM | 12/24/24 04:35 |                                                                                                             | Kareem | OK |
| 227 | P5089-07 | MBHLZ8  | SAM | 12/24/24 04:39 |                                                                                                             | Kareem | OK |
| 228 | P5089-08 | MBHLZ9  | SAM | 12/24/24 04:43 |                                                                                                             | Kareem | OK |
| 229 | P5089-09 | MBHM00  | SAM | 12/24/24 04:47 |                                                                                                             | Kareem | OK |
| 230 | P5089-10 | MBHM01  | SAM | 12/24/24 04:51 |                                                                                                             | Kareem | OK |
| 231 | P5089-11 | MBHM02  | SAM | 12/24/24 04:55 |                                                                                                             | Kareem | OK |
| 232 | CCV011   | CCV011  | CCV | 12/24/24 04:58 |                                                                                                             | Kareem | OK |
| 233 | CCB011   | CCB011  | CCB | 12/24/24 05:02 |                                                                                                             | Kareem | OK |
| 234 | P5089-12 | MBHM03  | SAM | 12/24/24 05:06 |                                                                                                             | Kareem | OK |
| 235 | P5089-13 | MBHM04  | SAM | 12/24/24 05:10 |                                                                                                             | Kareem | OK |
| 236 | P5089-14 | MBHM05  | SAM | 12/24/24 05:14 |                                                                                                             | Kareem | OK |
| 237 | P5089-15 | MBHM06  | SAM | 12/24/24 05:17 |                                                                                                             | Kareem | OK |
| 238 | P5089-16 | MBHM07  | SAM | 12/24/24 05:21 |                                                                                                             | Kareem | OK |
| 239 | P5089-17 | MBHM08  | SAM | 12/24/24 05:25 |                                                                                                             | Kareem | OK |
| 240 | P5089-18 | MBHM09  | SAM | 12/24/24 05:29 |                                                                                                             | Kareem | OK |

Instrument ID: P5

**Daily Analysis Runlog For Sequence/QC Batch ID # LB134069**

|              |                  |              |                        |
|--------------|------------------|--------------|------------------------|
| Review By    | Sarabjit Jaswal  | Review On    | 12/25/2024 11:40:50 PM |
| Supervise By | Kareem Khairalla | Supervise On | 12/27/2024 4:23:37 PM  |

| STD. NAME     | STD REF.#                                               |
|---------------|---------------------------------------------------------|
| ICAL Standard | MP83500,MP83507,MP83505,MP83504,MP83503,MP83502,MP83501 |
| ICV Standard  | MP83508                                                 |
| CCV Standard  | MP83511                                                 |
| ICSA Standard | MP83509,MP83510                                         |
| CRI Standard  |                                                         |
| LCS Standard  | MP83506                                                 |
| Chk Standard  | MP83513,MP83514                                         |

|     |            |         |     |                |         |        |          |
|-----|------------|---------|-----|----------------|---------|--------|----------|
| 241 | P5089-19   | MBHM10  | SAM | 12/24/24 05:33 |         | Kareem | OK       |
| 242 | P5089-20   | MBHM11  | SAM | 12/24/24 05:37 |         | Kareem | OK       |
| 243 | P5089-21   | MBHM12  | SAM | 12/24/24 05:40 |         | Kareem | OK       |
| 244 | P5089-22   | MBHM13  | SAM | 12/24/24 05:44 |         | Kareem | OK       |
| 245 | PB165727BL | PBS727  | MB  | 12/24/24 05:48 |         | Kareem | OK       |
| 246 | PB165727BS | LCS727  | LCS | 12/24/24 05:52 |         | Kareem | OK       |
| 247 | P5169-01   | MJNLH1  | SAM | 12/24/24 05:56 |         | Kareem | OK       |
| 248 | P5169-02   | MJNLH2  | SAM | 12/24/24 06:00 |         | Kareem | OK       |
| 249 | P5169-03   | MJNLH5  | SAM | 12/24/24 06:04 |         | Kareem | OK       |
| 250 | P5169-04   | MJNLH4  | SAM | 12/24/24 06:08 | NOT USE | Kareem | Not Ok   |
| 251 | P5169-05   | MJNLH4D | DUP | 12/24/24 06:12 | NOT USE | Kareem | Not Ok   |
| 252 | P5169-04L  | MJNLH4L | SD  | 12/24/24 06:15 | NOT USE | Kareem | Not Ok   |
| 253 | CCV012     | CCV012  | CCV | 12/24/24 06:19 |         | Kareem | OK       |
| 254 | CCB012     | CCB012  | CCB | 12/24/24 06:23 |         | Kareem | OK       |
| 255 | P5169-06   | MJNLH4S | MS  | 12/24/24 06:27 | NOT USE | Kareem | Not Ok   |
| 256 | PB165673BL | PBW673  | MB  | 12/24/24 06:35 | NOT USE | Kareem | Not Ok   |
| 257 | PB165673BS | LCS673  | LCS | 12/24/24 06:39 | NOT USE | Kareem | Not Ok   |
| 258 | P5081-01   | MBHLG0  | SAM | 12/24/24 06:43 |         | Kareem | OK       |
| 259 | P5081-02   | MBHLG1  | SAM | 12/24/24 06:47 | Ca high | Kareem | Dilution |
| 260 | P5081-03   | MBHLG2  | SAM | 12/24/24 06:51 | Ca high | Kareem | Dilution |

Instrument ID: P5

**Daily Analysis Runlog For Sequence/QC Batch ID # LB134069**

|                  |                                                         |              |                        |
|------------------|---------------------------------------------------------|--------------|------------------------|
| Review By        | Sarabjit Jaswal                                         | Review On    | 12/25/2024 11:40:50 PM |
| Supervise By     | Kareem Khairalla                                        | Supervise On | 12/27/2024 4:23:37 PM  |
| <b>STD. NAME</b> | <b>STD REF.#</b>                                        |              |                        |
| ICAL Standard    | MP83500,MP83507,MP83505,MP83504,MP83503,MP83502,MP83501 |              |                        |
| ICV Standard     | MP83508                                                 |              |                        |
| CCV Standard     | MP83511                                                 |              |                        |
| ICSA Standard    | MP83509,MP83510                                         |              |                        |
| CRI Standard     |                                                         |              |                        |
| LCS Standard     | MP83506                                                 |              |                        |
| Chk Standard     | MP83513,MP83514                                         |              |                        |

|     |           |         |     |                |                                                                                                                             |        |    |
|-----|-----------|---------|-----|----------------|-----------------------------------------------------------------------------------------------------------------------------|--------|----|
| 261 | P5081-04  | MBHLG3  | SAM | 12/24/24 06:54 |                                                                                                                             | Kareem | OK |
| 262 | P5081-05  | MBHLG4  | SAM | 12/24/24 06:59 |                                                                                                                             | Kareem | OK |
| 263 | P5081-06  | MBHLG4D | DUP | 12/24/24 07:02 |                                                                                                                             | Kareem | OK |
| 264 | P5081-05L | MBHLG4L | SD  | 12/24/24 07:06 |                                                                                                                             | Kareem | OK |
| 265 | P5081-07  | MBHLG4S | MS  | 12/24/24 07:10 | MS fail for Be (7.17 ppb) ,<br>Cu (275.06 ppb), Se (59.69<br>ppb), V (178.80 ppb), Zn<br>(1028.26) & Sb,Ag,Tl<br>(Below RL) | Kareem | OK |
| 266 | P5081-08  | MBHLG5  | SAM | 12/24/24 07:14 |                                                                                                                             | Kareem | OK |
| 267 | P5081-09  | MBHLG6  | SAM | 12/24/24 07:18 |                                                                                                                             | Kareem | OK |
| 268 | P5081-10  | MBHLJ1  | SAM | 12/24/24 07:22 |                                                                                                                             | Kareem | OK |
| 269 | P5081-11  | MBHLJ2  | SAM | 12/24/24 07:25 |                                                                                                                             | Kareem | OK |
| 270 | P5081-12  | MBHLJ3  | SAM | 12/24/24 07:29 |                                                                                                                             | Kareem | OK |
| 271 | P5081-13  | MBHLJ4  | SAM | 12/24/24 07:33 |                                                                                                                             | Kareem | OK |
| 272 | P5081-14  | MBHLJ5  | SAM | 12/24/24 07:37 |                                                                                                                             | Kareem | OK |
| 273 | P5081-15  | MBHLJ6  | SAM | 12/24/24 07:41 |                                                                                                                             | Kareem | OK |
| 274 | CCV013    | CCV013  | CCV | 12/24/24 07:45 |                                                                                                                             | Kareem | OK |
| 275 | CCB013    | CCB013  | CCB | 12/24/24 07:48 |                                                                                                                             | Kareem | OK |
| 276 | P5081-16  | MBHLJ7  | SAM | 12/24/24 07:52 |                                                                                                                             | Kareem | OK |
| 277 | P5081-17  | MBHLK5  | SAM | 12/24/24 07:56 |                                                                                                                             | Kareem | OK |
| 278 | P5081-18  | MBHLK6  | SAM | 12/24/24 08:00 |                                                                                                                             | Kareem | OK |

Instrument ID: P5

**Daily Analysis Runlog For Sequence/QC Batch ID # LB134069**

|                  |                                                         |              |                        |
|------------------|---------------------------------------------------------|--------------|------------------------|
| Review By        | Sarabjit Jaswal                                         | Review On    | 12/25/2024 11:40:50 PM |
| Supervise By     | Kareem Khairalla                                        | Supervise On | 12/27/2024 4:23:37 PM  |
| <b>STD. NAME</b> | <b>STD REF.#</b>                                        |              |                        |
| ICAL Standard    | MP83500,MP83507,MP83505,MP83504,MP83503,MP83502,MP83501 |              |                        |
| ICV Standard     | MP83508                                                 |              |                        |
| CCV Standard     | MP83511                                                 |              |                        |
| ICSA Standard    | MP83509,MP83510                                         |              |                        |
| CRI Standard     |                                                         |              |                        |
| LCS Standard     | MP83506                                                 |              |                        |
| Chk Standard     | MP83513,MP83514                                         |              |                        |

|     |            |         |     |                |                                                                   |        |    |
|-----|------------|---------|-----|----------------|-------------------------------------------------------------------|--------|----|
| 279 | P5081-19   | MBHLK7  | SAM | 12/24/24 08:04 |                                                                   | Kareem | OK |
| 280 | P5081-20   | MBHLK8  | SAM | 12/24/24 08:08 |                                                                   | Kareem | OK |
| 281 | P5081-21   | MBHLK9  | SAM | 12/24/24 08:11 |                                                                   | Kareem | OK |
| 282 | P5081-22   | MBHLL0  | SAM | 12/24/24 08:15 |                                                                   | Kareem | OK |
| 283 | PB165694BL | PBS694  | MB  | 12/24/24 08:19 |                                                                   | Kareem | OK |
| 284 | PB165694BS | LCS694  | LCS | 12/24/24 08:23 |                                                                   | Kareem | OK |
| 285 | P5083-01   | MBHLJ8  | SAM | 12/24/24 08:27 |                                                                   | Kareem | OK |
| 286 | P5083-02   | MBHLJ9  | SAM | 12/24/24 08:31 |                                                                   | Kareem | OK |
| 287 | P5083-03   | MBHLK0  | SAM | 12/24/24 08:35 |                                                                   | Kareem | OK |
| 288 | P5083-04   | MBHLK0D | DUP | 12/24/24 08:39 |                                                                   | Kareem | OK |
| 289 | P5083-03L  | MBHLK0L | SD  | 12/24/24 08:42 |                                                                   | Kareem | OK |
| 290 | P5083-05   | MBHLK0S | MS  | 12/24/24 08:46 | MS fail for Se (74.03 ppb),<br>Zn (183 ppb) & Ag,Tl<br>(Below RL) | Kareem | OK |
| 291 | P5083-06   | MBHLK1  | SAM | 12/24/24 08:50 |                                                                   | Kareem | OK |
| 292 | P5083-07   | MBHLK2  | SAM | 12/24/24 08:54 |                                                                   | Kareem | OK |
| 293 | P5083-08   | MBHLK3  | SAM | 12/24/24 08:58 |                                                                   | Kareem | OK |
| 294 | P5083-09   | MBHLK4  | SAM | 12/24/24 09:02 |                                                                   | Kareem | OK |
| 295 | CCV014     | CCV014  | CCV | 12/24/24 09:05 |                                                                   | Kareem | OK |
| 296 | CCB014     | CCB014  | CCB | 12/24/24 09:09 |                                                                   | Kareem | OK |
| 297 | P5083-10   | MBHLL9  | SAM | 12/24/24 09:13 |                                                                   | Kareem | OK |

Instrument ID: P5

**Daily Analysis Runlog For Sequence/QC Batch ID # LB134069**

|                  |                                                         |              |                        |
|------------------|---------------------------------------------------------|--------------|------------------------|
| Review By        | Sarabjit Jaswal                                         | Review On    | 12/25/2024 11:40:50 PM |
| Supervise By     | Kareem Khairalla                                        | Supervise On | 12/27/2024 4:23:37 PM  |
| <b>STD. NAME</b> | <b>STD REF.#</b>                                        |              |                        |
| ICAL Standard    | MP83500,MP83507,MP83505,MP83504,MP83503,MP83502,MP83501 |              |                        |
| ICV Standard     | MP83508                                                 |              |                        |
| CCV Standard     | MP83511                                                 |              |                        |
| ICSA Standard    | MP83509,MP83510                                         |              |                        |
| CRI Standard     |                                                         |              |                        |
| LCS Standard     | MP83506                                                 |              |                        |
| Chk Standard     | MP83513,MP83514                                         |              |                        |

|     |            |        |     |                |         |        |          |
|-----|------------|--------|-----|----------------|---------|--------|----------|
| 298 | P5083-11   | MBHLM0 | SAM | 12/24/24 09:17 |         | Kareem | OK       |
| 299 | P5083-12   | MBHLM1 | SAM | 12/24/24 09:21 |         | Kareem | OK       |
| 300 | P5083-13   | MBHLM2 | SAM | 12/24/24 09:25 |         | Kareem | OK       |
| 301 | P5083-14   | MBHLM3 | SAM | 12/24/24 09:28 | Ca high | Kareem | Dilution |
| 302 | P5083-15   | MBHLM4 | SAM | 12/24/24 09:32 | Ca high | Kareem | Dilution |
| 303 | P5083-16   | MBHLM5 | SAM | 12/24/24 09:36 | Ca high | Kareem | Dilution |
| 304 | P5083-17   | MBHLQ4 | SAM | 12/24/24 09:40 |         | Kareem | OK       |
| 305 | P5083-18   | MBHLQ5 | SAM | 12/24/24 09:44 |         | Kareem | OK       |
| 306 | P5083-19   | MBHLQ6 | SAM | 12/24/24 09:48 |         | Kareem | OK       |
| 307 | P5083-20   | MBHLQ7 | SAM | 12/24/24 09:52 |         | Kareem | OK       |
| 308 | P5083-21   | MBHLQ8 | SAM | 12/24/24 09:55 |         | Kareem | OK       |
| 309 | P5083-22   | MBHLQ9 | SAM | 12/24/24 09:59 |         | Kareem | OK       |
| 310 | PB165632BL | PBS632 | MB  | 12/24/24 10:03 | NOT USE | Kareem | Not Ok   |
| 311 | PB165632BS | LCS632 | LCS | 12/24/24 10:07 | NOT USE | Kareem | Not Ok   |
| 312 | CCV015     | CCV015 | CCV | 12/24/24 10:11 |         | Kareem | OK       |
| 313 | CCB015     | CCB015 | CCB | 12/24/24 10:15 |         | Kareem | OK       |