

FORM 14-IN

ICP-MS INTERNAL STANDARD RELATIVE INTENSITY SUMMARY

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51772 MA No.: SDG No.: MYD0W8
 Instrument ID: P7 Start Date : 10/24/2024
 Run Batch: LB133117 End Date : 10/24/2024

EPA Sample No.	Time	Internal Standard %RI For: Non-Collision Cell									
		Element	Q	Element	Q	Element	Q	Element	Q	Element	Q
		6Li		45Sc		89Y		103Rh		159Tb	
S0	1220	100		100		100		100		100	
S02	1224	102		100		100		101		102	
S03	1227	104		102		103		103		105	
S04	1230	106		96		97		97		104	
S05	1233	107		95		98		97		105	
S06	1236	109		96		99		97		107	
S07	1238	107		97		99		96		109	
S08	1241	101		94		95		87		104	
ICV003	1256	102		100		100		101		104	
ICB003	1259	106		104		104		105		107	
ICSA003	1303	102		97		98		94		104	
ICSAB003	1306	100		99		100		96		107	
CCV007	1312	100		99		100		93		106	
CCB007	1315	100		97		99		100		105	
ZZZZZZ	1318										
ZZZZZZ	1322										
ZZZZZZ	1325										
ZZZZZZ	1328										
ZZZZZZ	1331										
ZZZZZZ	1334										
ZZZZZZ	1338										
ZZZZZZ	1341										
ZZZZZZ	1344										
ZZZZZZ	1347										
ZZZZZZ	1350										
ZZZZZZ	1353										
ZZZZZZ	1356										
ZZZZZZ	1400										
ZZZZZZ	1403										
ZZZZZZ	1406										
CCV008	1409	104		95		97		91		105	
CCB008	1412	103		95		97		99		102	
ZZZZZZ	1415										
ZZZZZZ	1418										
ZZZZZZ	1421										
ZZZZZZ	1424										
ZZZZZZ	1427										
ZZZZZZ	1431										

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EPA Sample No.	Time	Internal Standard %RI For: Non-Collision Cell									
		Element 6Li	Q	Element 45Sc	Q	Element 89Y	Q	Element 103Rh	Q	Element 159Tb	Q
ZZZZZZ	1434										
ZZZZZZ	1437										
ZZZZZZ	1440										
ZZZZZZ	1443										
ZZZZZZ	1446										
ZZZZZZ	1450										
ZZZZZZ	1453										
ZZZZZZ	1456										
ZZZZZZ	1459										
MYD0W8	1503	98		117		111		100		106	
MYD0W9	1506	94		114		110		101		106	
MYD0X0	1509	94		116		116		99		107	
MYD0Y2	1512	91		113		108		100		106	
MYD0Y3	1515	92		116		108		101		107	
MYD0Y4	1518	92		116		109		101		107	
MYD0Y5	1522	88		116		107		99		106	
MYD0Y5D	1525	90		118		108		101		106	
MYD0Y5L	1528	92		105		103		101		106	
MYD0Y5S	1531	88		115		105		98		104	
MYD0Y5SRE	1534	86		113		104		97		105	
CCV009	1541	95		99		101		94		105	
CCB009	1544	95		95		98		98		103	
MYD0Y9	1547	92		109		113		104		108	
MYD0Z0	1550	90		106		111		102		107	
MYD0Z1	1553	89		106		109		102		108	
MYDA43	1556	92		116		114		101		111	
MYDA44	1559	96		113		108		101		106	
MYDA45	1602	98		115		111		100		110	
MYDA46	1606	93		113		109		100		109	
MYDA47	1609	93		113		110		99		108	
MYDA48	1612	95		111		108		101		109	
MYDA49	1615	90		111		107		100		107	
MYDA50	1618	91		110		108		100		108	
MYDA51	1621	90		112		108		100		106	
MYDA52	1624	89		115		110		101		108	
ZZZZZZ	1627										
ZZZZZZ	1631										
ZZZZZZ	1634										

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 Run Batch: LB133117 End Date : 10/24/2024

EPA Sample No.	Time	Internal Standard %RI For: Non-Collision Cell									
		Element 6Li	Q	Element 45Sc	Q	Element 89Y	Q	Element 103Rh	Q	Element 159Tb	Q
ZZZZZZ	1637										
ZZZZZZ	1640										
ZZZZZZ	1643										
ZZZZZZ	1647										
ZZZZZZ	1650										
ZZZZZZ	1653										
ZZZZZZ	1656										
ZZZZZZ	1659										
ZZZZZZ	1702										
ZZZZZZ	1705										
CCV010	1714	98		94		97		91		104	
CCB010	1717	97		90		94		94		100	
ZZZZZZ	1720										
ZZZZZZ	1724										
ZZZZZZ	1727										
ZZZZZZ	1730										
ZZZZZZ	1733										
ZZZZZZ	1736										
ZZZZZZ	1739										
ZZZZZZ	1742										
ZZZZZZ	1745										
ZZZZZZ	1748										
ZZZZZZ	1752										
ZZZZZZ	1755										
ZZZZZZ	1758										
ZZZZZZ	1801										
MYD0Y5	1804	92		98		98		96		103	
MYD0Y5D	1807	92		100		99		98		103	
MYD0Y5L	1810	92		96		97		95		100	
MYD0Y5S	1814	91		99		99		97		101	
MYD0Y5SRE	1817	87		96		96		94		100	
ZZZZZZ	1820										
ZZZZZZ	1823										
ZZZZZZ	1826										
ZZZZZZ	1830										
CCV011	1849	101		92		94		88		101	
CCB011	1852	100		88		91		92		99	

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Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
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 Instrument ID: P7 Start Date : 10/24/2024
 Run Batch: LB133117 End Date : 10/24/2024

EPA Sample No.	Time	Internal Standard %RI For: Collision Cell									
		Element		Element		Element		Element		Element	
		45Sc	Q	89Y	Q	103Rh	Q	159Tb	Q	165Ho	Q
S0	1220	100		100		100		100		100	
S02	1224	100		100		100		101		100	
S03	1227	99		100		101		104		104	
S04	1230	94		97		97		103		104	
S05	1233	94		97		99		104		108	
S06	1236	94		97		97		107		106	
S07	1238	95		97		96		107		108	
S08	1241	95		97		88		102		103	
ICV003	1256	101		102		102		105		106	
ICB003	1259	103		105		105		106		107	
ICSA003	1303	97		99		94		104		105	
ICSAB003	1306	99		101		97		105		106	
CCV007	1312	98		98		93		104		106	
CCB007	1315	97		99		101		104		105	
ZZZZZZ	1318										
ZZZZZZ	1322										
ZZZZZZ	1325										
ZZZZZZ	1328										
ZZZZZZ	1331										
ZZZZZZ	1334										
ZZZZZZ	1338										
ZZZZZZ	1341										
ZZZZZZ	1344										
ZZZZZZ	1347										
ZZZZZZ	1350										
ZZZZZZ	1353										
ZZZZZZ	1356										
ZZZZZZ	1400										
ZZZZZZ	1403										
ZZZZZZ	1406										
CCV008	1409	96		95		91		101		104	
CCB008	1412	95		97		99		103		103	
ZZZZZZ	1415										
ZZZZZZ	1418										
ZZZZZZ	1421										
ZZZZZZ	1424										
ZZZZZZ	1427										
ZZZZZZ	1431										

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 Instrument ID: P7 Start Date : 10/24/2024
 Run Batch: LB133117 End Date : 10/24/2024

EPA Sample No.	Time	Internal Standard %RI For: Collision Cell									
		Element		Element		Element		Element		Element	
		45Sc	Q	89Y	Q	103Rh	Q	159Tb	Q	165Ho	Q
ZZZZZZ	1434										
ZZZZZZ	1437										
ZZZZZZ	1440										
ZZZZZZ	1443										
ZZZZZZ	1446										
ZZZZZZ	1450										
ZZZZZZ	1453										
ZZZZZZ	1456										
ZZZZZZ	1459										
MYD0W8	1503	117		109		99		102		103	
MYD0W9	1506	115		109		99		102		102	
MYD0X0	1509	116		112		99		103		104	
MYD0Y2	1512	113		105		100		102		102	
MYD0Y3	1515	115		106		99		103		104	
MYD0Y4	1518	116		105		99		102		102	
MYD0Y5	1522	118		105		100		100		102	
MYD0Y5D	1525	119		106		100		100		101	
MYD0Y5L	1528	105		102		102		103		102	
MYD0Y5S	1531	117		102		96		100		100	
MYD0Y5SRE	1534	116		103		97		99		101	
CCV009	1541	97		96		91		101		102	
CCB009	1544	95		97		99		101		102	
MYD0Y9	1547	107		109		102		105		104	
MYD0Z0	1550	107		109		102		104		104	
MYD0Z1	1553	106		108		101		104		104	
MYDA43	1556	115		108		99		104		105	
MYDA44	1559	113		107		100		106		104	
MYDA45	1602	114		108		100		104		106	
MYDA46	1606	114		107		99		103		105	
MYDA47	1609	114		108		99		104		104	
MYDA48	1612	111		106		99		103		103	
MYDA49	1615	110		104		99		102		103	
MYDA50	1618	110		106		99		103		103	
MYDA51	1621	111		106		100		102		103	
MYDA52	1624	113		106		98		101		102	
ZZZZZZ	1627										
ZZZZZZ	1631										
ZZZZZZ	1634										

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Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51772 MA No.: SDG No.: MYD0W8
 Instrument ID: P7 Start Date : 10/24/2024
 Run Batch: LB133117 End Date : 10/24/2024

EPA Sample No.	Time	Internal Standard %RI For: Collision Cell									
		Element		Element		Element		Element		Element	
		45Sc	Q	89Y	Q	103Rh	Q	159Tb	Q	165Ho	Q
ZZZZZZ	1637										
ZZZZZZ	1640										
ZZZZZZ	1643										
ZZZZZZ	1647										
ZZZZZZ	1650										
ZZZZZZ	1653										
ZZZZZZ	1656										
ZZZZZZ	1659										
ZZZZZZ	1702										
ZZZZZZ	1705										
CCV010	1714	91		93		89		101		101	
CCB010	1717	90		94		96		100		101	
ZZZZZZ	1720										
ZZZZZZ	1724										
ZZZZZZ	1727										
ZZZZZZ	1730										
ZZZZZZ	1733										
ZZZZZZ	1736										
ZZZZZZ	1739										
ZZZZZZ	1742										
ZZZZZZ	1745										
ZZZZZZ	1748										
ZZZZZZ	1752										
ZZZZZZ	1755										
ZZZZZZ	1758										
ZZZZZZ	1801										
MYD0Y5	1804	98		99		98		101		101	
MYD0Y5D	1807	99		99		98		101		101	
MYD0Y5L	1810	95		96		98		100		100	
MYD0Y5S	1814	99		98		97		99		100	
MYD0Y5SRE	1817	99		97		96		100		100	
ZZZZZZ	1820										
ZZZZZZ	1823										
ZZZZZZ	1826										
ZZZZZZ	1830										
CCV011	1849	88		90		87		100		100	
CCB011	1852	87		92		95		100		99	

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ICP-MS INTERNAL STANDARD RELATIVE INTENSITY SUMMARY

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51772 MA No.: SDG No.: MYD0W8
 Instrument ID: P7 Start Date : 10/25/2024
 Run Batch: LB133137 End Date : 10/25/2024

EPA Sample No.	Time	Internal Standard %RI For: Non-Collision Cell									
		Element	Q	Element	Q	Element	Q	Element	Q	Element	Q
		6Li		45Sc		89Y		103Rh		159Tb	
S0	1434	100		100		100		100		100	
S02	1437	97		95		94		94		95	
S03	1440	98		96		97		96		98	
S04	1443	100		96		98		96		100	
S05	1446	101		94		97		96		103	
S06	1449	101		92		97		94		105	
S07	1452	102		96		99		94		107	
S08	1454	97		96		96		86		103	
ICV005	1500	97		95		95		96		99	
ICB005	1503	99		95		97		97		100	
ICSA005	1514	99		98		100		95		106	
ICSAB005	1517	93		94		97		92		102	
CCV019	1527	98		97		101		92		106	
CCB019	1533	98		98		102		101		106	
PBS088	1622	100		97		101		101		106	
LCS088	1626	99		98		100		100		105	
LCSD088	1629	99		97		99		99		104	
MYD0Y3	1642	100		115		109		101		108	
MYD0Y5ARE	1645	98		117		107		99		107	
ZZZZZZ	1648										
ZZZZZZ	1653										
CCV020	1703	96		98		101		93		105	
CCB020	1708	99		99		100		101		104	

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 Lab Code: ACE Case No.: 51772 MA No.: SDG No.: MYD0W8
 Instrument ID: P7 Start Date : 10/25/2024
 Run Batch: LB133137 End Date : 10/25/2024

EPA Sample No.	Time	Internal Standard %RI For: Collision Cell									
		Element		Element		Element		Element		Element	
		45Sc	Q	89Y	Q	103Rh	Q	159Tb	Q	165Ho	Q
S0	1434	100		100		100		100		100	
S02	1437	97		97		98		97		98	
S03	1440	98		98		99		100		100	
S04	1443	95		97		99		101		103	
S05	1446	94		97		97		102		105	
S06	1449	92		96		96		104		105	
S07	1452	96		98		97		107		107	
S08	1454	96		97		90		100		102	
ICV005	1500	96		98		99		101		102	
ICB005	1503	96		99		101		101		103	
ICSA005	1514	98		101		98		105		107	
ICSAB005	1517	95		98		96		102		103	
CCV019	1527	98		99		95		104		106	
CCB019	1533	97		100		103		104		106	
PBS088	1622	96		100		103		105		105	
LCS088	1626	97		100		101		103		104	
LCSD088	1629	97		100		102		103		104	
MYD0Y3	1642	114		107		103		105		107	
MYD0Y5ARE	1645	117		107		101		104		106	
ZZZZZZ	1648										
ZZZZZZ	1653										
CCV020	1703	99		100		95		103		105	
CCB020	1708	98		100		103		102		104	