

**SOLID EPH\_F2 LABORATORY CONTROL SPIKE/LABORATORY CONTROL SPIKE DUPLICATE RECOVERY**

|                    |                    |                    |                                         |
|--------------------|--------------------|--------------------|-----------------------------------------|
| <b>Lab Name:</b>   | <u>Alliance</u>    | <b>Client:</b>     | <u>Sciacca General Contractors, LLC</u> |
| <b>Lab Code:</b>   | <u>ACE</u>         | <b>SDG No:</b>     | <u>Q2504</u>                            |
| <b>Sample No :</b> | <u>PB168752BSD</u> | <b>Datafile:</b>   | <u>FC069391.D</u>                       |
|                    |                    | <b>Client ID :</b> | <u>PB168752BSD</u>                      |

| COMPOUND          | SPIKE<br>ADDED<br>mg/kg | LCS/LCSD<br>CONCENTRATION<br>mg/kg | % REC | Qual | RPD   QC LIMITS (%) | QC Limit<br>Of RPD |
|-------------------|-------------------------|------------------------------------|-------|------|---------------------|--------------------|
| Aliphatic C28-C40 | 30.0                    | 28.9                               | 96    |      | 1  (40-140)         | 25                 |
| Aliphatic C9-C28  | 99.9                    | 77.9                               | 80    |      | 3.6  (40-140)       | 25                 |

| COMPOUND                     | SPIKE<br>ADDED<br>mg/kg | LCS/LCSD<br>CONCENTRATION<br>mg/kg | % REC | Qual | RPD   QC LIMITS(%) | QC Limit Of<br>RPD |
|------------------------------|-------------------------|------------------------------------|-------|------|--------------------|--------------------|
| n-Nonane (C9)                | 3.3                     | 2.91633                            | 88    |      | 4.44  (40-140)     | 25                 |
| n-Decane (C10)               | 3.3                     | 3.01174                            | 91    |      | 4.3  (40-140)      | 25                 |
| Naphthalene (C11.7)          | 3.3                     | 3.37497                            | 102   |      | 3.85  (40-140)     | 25                 |
| n-Dodecane (C12)             | 3.3                     | 3.00733                            | 91    |      | 4.3  (40-140)      | 25                 |
| 2-methylnaphthalene (C12.89) | 3.3                     | 3.16708                            | 96    |      | 3.08  (40-140)     | 25                 |
| n-Tetradecane (C14)          | 3.3                     | 2.93009                            | 89    |      | 4.4  (40-140)      | 25                 |
| n-Hexadecane (C16)           | 3.3                     | 2.74985                            | 83    |      | 4.71  (40-140)     | 25                 |
| n-Octadecane (C18)           | 3.3                     | 2.64110                            | 80    |      | 4.88  (40-140)     | 25                 |
| n-Eicosane (C20)             | 3.3                     | 2.76963                            | 84    |      | 4.65  (40-140)     | 25                 |
| n-Heneicosane (C21)          | 3.3                     | 2.68719                            | 81    |      | 4.82  (40-140)     | 25                 |
| n-Docosane (C22)             | 3.3                     | 2.66302                            | 81    |      | 3.64  (40-140)     | 25                 |
| n-Tetracosane (C24)          | 6.7                     | 5.30288                            | 79    |      | 3.73  (40-140)     | 25                 |
| n-Hexacosane (C26)           | 3.3                     | 2.59971                            | 79    |      | 3.73  (40-140)     | 25                 |
| n-Octacosane (C28)           | 3.3                     | 2.60659                            | 79    |      | 3.73  (40-140)     | 25                 |
| n-Tricontane (C30)           | 3.3                     | 2.60734                            | 79    |      | 2.5  (40-140)      | 25                 |
| n-Dotriacontane (C32)        | 3.3                     | 2.72255                            | 83    |      | 1.2  (40-140)      | 25                 |
| n-Tetratriacontane (C34)     | 3.3                     | 3.08344                            | 93    |      | 1.07  (40-140)     | 25                 |
| n-Hexatriacontane (C36)      | 3.3                     | 3.15034                            | 95    |      | 4.3  (40-140)      | 25                 |
| n-Octatriacontane (C38)      | 3.3                     | 3.06358                            | 93    |      | 10.17  (40-140)    | 25                 |
| n-Tetracontane (C40)         | 3.3                     | 2.82557                            | 86    |      | 13.66  (40-140)    | 25                 |