

**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>Q3474</u>                            |
| <b>Sample No :</b> | <u>PB170385BSD</u> | <b>Datafile:</b>   | <u>FC070125.D</u>                       |
|                    |                    | <b>Client ID :</b> | <u>PB170385BSD</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                    | 20.7                               | 69    |      | 2  (40-140)         | 25                 |
| Aliphatic C9-C28  | 99.9                    | 57.3                               | 59    |      | 0.232  (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                     | 2.23524                            | 68    |      | 1.48  (40-140)     | 25                 |
| n-Decane (C10)               | 3.3                     | 2.26501                            | 69    |      | 1.46  (40-140)     | 25                 |
| Naphthalene (C11.7)          | 3.3                     | 2.35760                            | 71    |      | 1.4  (40-140)      | 25                 |
| n-Dodecane (C12)             | 3.3                     | 2.23121                            | 68    |      | 1.48  (40-140)     | 25                 |
| 2-methylnaphthalene (C12.89) | 3.3                     | 2.19180                            | 66    |      | 1.5  (40-140)      | 25                 |
| n-Tetradecane (C14)          | 3.3                     | 2.15529                            | 65    |      | 0  (40-140)        | 25                 |
| n-Hexadecane (C16)           | 3.3                     | 2.04585                            | 62    |      | 0  (40-140)        | 25                 |
| n-Octadecane (C18)           | 3.3                     | 1.98893                            | 60    |      | 0  (40-140)        | 25                 |
| n-Eicosane (C20)             | 3.3                     | 2.10553                            | 64    |      | 0  (40-140)        | 25                 |
| n-Heneicosane (C21)          | 3.3                     | 2.05374                            | 62    |      | 0  (40-140)        | 25                 |
| n-Docosane (C22)             | 3.3                     | 2.01899                            | 61    |      | 0  (40-140)        | 25                 |
| n-Tetracosane (C24)          | 6.7                     | 3.98368                            | 59    |      | 0  (40-140)        | 25                 |
| n-Hexacosane (C26)           | 3.3                     | 1.97023                            | 60    |      | 0  (40-140)        | 25                 |
| n-Octacosane (C28)           | 3.3                     | 2.00210                            | 61    |      | 0  (40-140)        | 25                 |
| n-Tricontane (C30)           | 3.3                     | 2.01243                            | 61    |      | 0  (40-140)        | 25                 |
| n-Dotriacontane (C32)        | 3.3                     | 2.08919                            | 63    |      | 0  (40-140)        | 25                 |
| n-Tetratriacontane (C34)     | 3.3                     | 2.35717                            | 71    |      | 0  (40-140)        | 25                 |
| n-Hexatriacontane (C36)      | 3.3                     | 2.41186                            | 73    |      | 1.38  (40-140)     | 25                 |
| n-Octatriacontane (C38)      | 3.3                     | 2.17411                            | 66    |      | 1.53  (40-140)     | 25                 |
| n-Tetracontane (C40)         | 3.3                     | 1.73485                            | 53    |      | 1.9  (40-140)      | 25                 |