

**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>Q3661</u>                            |
| <b>Sample No :</b> | <u>PB170727BS</u> | <b>Datafile:</b>   | <u>FE057025.D</u>                       |
|                    |                   | <b>Client ID :</b> | <u>PB170727BS</u>                       |

| COMPOUND          | SPIKE<br>ADDED<br>mg/kg | LCS/LCSD<br>CONCENTRATION<br>mg/kg | % REC | Qual | QC LIMITS (%) |
|-------------------|-------------------------|------------------------------------|-------|------|---------------|
| Aliphatic C28-C40 | 30.0                    | 24.8                               | 83    |      | (40-140)      |
| Aliphatic C9-C28  | 99.9                    | 68.3                               | 69    |      | (40-140)      |

| COMPOUND                     | SPIKE<br>ADDED<br>mg/kg | LCS/LCSD<br>CONCENTRATION<br>mg/kg | % REC | Qual | QC<br>LIMITS(%) |
|------------------------------|-------------------------|------------------------------------|-------|------|-----------------|
| n-Nonane (C9)                | 3.3                     | 2.26616                            | 69    |      | (40-140)        |
| n-Decane (C10)               | 3.3                     | 2.39264                            | 73    |      | (40-140)        |
| Naphthalene (C11.7)          | 3.3                     | 2.65352                            | 80    |      | (40-140)        |
| n-Dodecane (C12)             | 3.3                     | 2.49549                            | 76    |      | (40-140)        |
| 2-methylnaphthalene (C12.89) | 3.3                     | 2.41713                            | 73    |      | (40-140)        |
| n-Tetradecane (C14)          | 3.3                     | 2.52521                            | 77    |      | (40-140)        |
| n-Hexadecane (C16)           | 3.3                     | 2.39904                            | 73    |      | (40-140)        |
| n-Octadecane (C18)           | 3.3                     | 2.32508                            | 70    |      | (40-140)        |
| n-Eicosane (C20)             | 3.3                     | 2.45714                            | 74    |      | (40-140)        |
| n-Heneicosane (C21)          | 3.3                     | 2.43838                            | 74    |      | (40-140)        |
| n-Docosane (C22)             | 3.3                     | 2.37005                            | 72    |      | (40-140)        |
| n-Tetracosane (C24)          | 6.7                     | 4.94705                            | 74    |      | (40-140)        |
| n-Hexacosane (C26)           | 3.3                     | 2.25891                            | 68    |      | (40-140)        |
| n-Octacosane (C28)           | 3.3                     | 2.37824                            | 72    |      | (40-140)        |
| n-Tricontane (C30)           | 3.3                     | 2.12839                            | 64    |      | (40-140)        |
| n-Dotriacontane (C32)        | 3.3                     | 2.19938                            | 67    |      | (40-140)        |
| n-Tetratriacontane (C34)     | 3.3                     | 2.32866                            | 71    |      | (40-140)        |
| n-Hexatriacontane (C36)      | 3.3                     | 2.49048                            | 75    |      | (40-140)        |
| n-Octatriacontane (C38)      | 3.3                     | 2.56541                            | 78    |      | (40-140)        |
| n-Tetracontane (C40)         | 3.3                     | 2.66696                            | 81    |      | (40-140)        |