

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

|                    |                   |                    |                          |
|--------------------|-------------------|--------------------|--------------------------|
| <b>Lab Name:</b>   | <u>Alliance</u>   | <b>Client:</b>     | <u>Hero Construction</u> |
| <b>Lab Code:</b>   | <u>ACE</u>        | <b>SDG No:</b>     | <u>Q2928</u>             |
| <b>Sample No :</b> | <u>PB169422BS</u> | <b>Datafile:</b>   | <u>FE055536.D</u>        |
|                    |                   | <b>Client ID :</b> | <u>PB169422BS</u>        |

| COMPOUND          | SPIKE<br>ADDED<br>mg/kg | LCS/LCSD<br>CONCENTRATION<br>mg/kg | % REC | Qual | QC LIMITS (%) |
|-------------------|-------------------------|------------------------------------|-------|------|---------------|
| Aliphatic C28-C40 | 30.0                    | 29.9                               | 100   |      | (40-140)      |
| Aliphatic C9-C28  | 100.1                   | 93.2                               | 93    |      | (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                     | 3.00564                            | 91    |      | (40-140)        |
| n-Decane (C10)               | 3.3                     | 3.13823                            | 95    |      | (40-140)        |
| Naphthalene (C11.7)          | 3.3                     | 3.29909                            | 100   |      | (40-140)        |
| n-Dodecane (C12)             | 3.3                     | 3.23764                            | 98    |      | (40-140)        |
| 2-methylnaphthalene (C12.89) | 3.3                     | 3.11568                            | 94    |      | (40-140)        |
| n-Tetradecane (C14)          | 3.3                     | 3.24779                            | 98    |      | (40-140)        |
| n-Hexadecane (C16)           | 3.3                     | 3.23067                            | 98    |      | (40-140)        |
| n-Octadecane (C18)           | 3.3                     | 3.18070                            | 96    |      | (40-140)        |
| n-Eicosane (C20)             | 3.3                     | 3.37288                            | 102   |      | (40-140)        |
| n-Heneicosane (C21)          | 3.3                     | 3.30172                            | 100   |      | (40-140)        |
| n-Docosane (C22)             | 3.3                     | 3.28674                            | 100   |      | (40-140)        |
| n-Tetracosane (C24)          | 6.7                     | 6.89669                            | 103   |      | (40-140)        |
| n-Hexacosane (C26)           | 3.3                     | 3.28837                            | 100   |      | (40-140)        |
| n-Octacosane (C28)           | 3.3                     | 3.32781                            | 101   |      | (40-140)        |
| n-Tricontane (C30)           | 3.3                     | 3.23362                            | 98    |      | (40-140)        |
| n-Dotriacontane (C32)        | 3.3                     | 3.23351                            | 98    |      | (40-140)        |
| n-Tetratriacontane (C34)     | 3.3                     | 3.40242                            | 103   |      | (40-140)        |
| n-Hexatriacontane (C36)      | 3.3                     | 3.18658                            | 97    |      | (40-140)        |
| n-Octatriacontane (C38)      | 3.3                     | 2.73890                            | 83    |      | (40-140)        |
| n-Tetracontane (C40)         | 3.3                     | 2.34907                            | 71    |      | (40-140)        |