

Report of Analysis

| | | | |
|--------------------|--|-----------------|--------|
| Client: | PSEG | Date Collected: | |
| Project: | Oradell Gas and Appliance Service (OR) | Date Received: | |
| Client Sample ID: | OR-03-11062025MSD | SDG No.: | Q3564 |
| Lab Sample ID: | Q3564-01MSD | Matrix: | Solid |
| Analytical Method: | NJEPH | % Solid: | 93.8 |
| Sample Wt/Vol: | 30.01 g | Test: | EPH_NF |
| Prep Method : | | | |
| | Final Vol: 2000 uL | | |
| | Prep Date : 11/10/25 | | |

| CAS Number | Parameter | Conc. | Qua. | DF | MDL | LOQ / CRQL | Units | Datafile | Date Ana. | Prep BatchID |
|------------|-----------|-------|------|----|-----|------------|-------|----------|-----------|--------------|
|------------|-----------|-------|------|----|-----|------------|-------|----------|-----------|--------------|

TARGETS

| | | | | | | | | | | |
|--------------------|--------------------|-----|--|--|------|------|-------|--|--|--|
| Total AliphaticEPH | Total AliphaticEPH | 137 | | | 2.23 | 6.40 | mg/kg | | | |
| Total EPH | Total EPH | 137 | | | 2.23 | 6.40 | mg/kg | | | |

* As samples are not fractionated, all aliphatic and aromatic carbon compounds in the C9-C40 carbon range are calculated against the aliphatic calibration curve, and reported as Aliphatic EPH. Therefore, the aliphatic C9-C40 concentration for the sample is reported as the Total EPH.

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

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|-------------------|---------------------------|-------|------|----|----------|------------|---------|-----------|--------------|
| TARGETS | | | | | | | | | |
| Aliphatic C9-C28 | Aliphatic C9-C28 | 78.2 | 1 | | 0.97 | 4.27 | mg/kg | 11/10/25 | PB170458 |
| Aliphatic C28-C40 | Aliphatic C28-C40 | 58.9 | E 1 | | 1.26 | 2.13 | mg/kg | 11/10/25 | PB170458 |
| SURROGATES | | | | | | | | | |
| 3383-33-2 | 1-chlorooctadecane (SURR) | 35.4 | | | 40 - 140 | 71% | SPK: 50 | | |
| 84-15-1 | ortho-Terphenyl (SURR) | 30.9 | | | 40 - 140 | 62% | SPK: 50 | | |

Quantitation Report For Aliphatic EPH Range.

| | | | |
|-------------------|-------------|--------------------|-------------------|
| Lab Sample ID: | Q3564-01MSD | Acq On: | 10 Nov 2025 22:10 |
| Client Sample ID: | Q3564-01MSD | Operator: | YP\AJ |
| Data file: | FE056725.D | Misc: | |
| Instrument: | FID_E | ALS Vial: | 24 |
| Dilution Factor: | 1 | Sample Multiplier: | 1.00 |

| Compound | R.T. | | Response | Conc | highest_standard | Units |
|---------------------------|--------|--------|-----------|---------|------------------|-------|
| Aliphatic C9-C12 | 3.221 | 6.846 | 23819954 | 139.166 | 300 | ug/ml |
| Aliphatic C12-C16 | 6.847 | 10.294 | 43910432 | 245.647 | 200 | ug/ml |
| Aliphatic C16-C21 | 10.295 | 13.670 | 64756911 | 347.212 | 300 | ug/ml |
| Aliphatic C21-C28 | 13.671 | 17.342 | 70908332 | 367.846 | 400 | ug/ml |
| Aliphatic C28-C40 | 17.343 | 22.288 | 132147488 | 829.475 | 600 | ug/ml |
| Aliphatic EPH | 3.221 | 22.288 | 335543117 | 1930 | | ug/ml |
| ortho-Terphenyl (SURR) | 11.967 | 11.967 | 6450206 | 30.88 | | ug/ml |
| 1-chlorooctadecane (SURR) | 13.406 | 13.406 | 5700814 | 35.38 | | ug/ml |
| Aliphatic C9-C28 | 3.221 | 17.342 | 203395629 | 1100 | 1200 | ug/ml |