

## Certificate of Analysis

Date of Testing: 2022-07-21 16:42:33  
Date of Next Testing: 2026-07-20 16:42:33  
Product Name: **Petroleum ether**  
CAS Number: 8032-32-4  
Specifications & Purity: Analytical Reagent, bp 60-90 °C  
Lot #: G2220366  
SKU #: **P116176**  
Analysis: **116346**

| Parameter                               | Limit Values           | Result                 |
|---|------------------------|------------------------|
| Color test (APHA)                       | 0-10 (APHA)            | 0.00 APHA              |
| Boiling point                           | 60-90 (°C)             | 64.00 °C               |
| Water by Karl Fischer                   | 0-0.015 (%)            | 0.01 %                 |
| Iron(Fe)                                | 0-0.0001 (%)           | 0.00 %                 |
| Evaporation Residue                     | 0-0.001 (%)            | 0.00 %                 |
| Acidity(as H <sup>+</sup> )             | 0-0.015 (µmol/g)       | 0.00 µmol/g            |
| Sulfate(SO <sub>4</sub> <sup>2-</sup> ) | 0-0.015 (%)            | 0.00 %                 |
| Lead(Pb)                                | 0-0.0001 (%)           | 0.00 %                 |
| Benzene(C <sub>6</sub> H <sub>6</sub> ) | 0-0.025(%)             | 0.00 %                 |
| Appearance (P116176)                    | Colorless clear liquid | Colorless clear liquid |
| Readily carbonizable substance          | pass                   | Pass                   |



John Su  
QA & QC Manager