

## Certificate of Analysis

Date of Testing: 2022-11-05 11:36:39  
Date of Next Testing: 2026-11-04 11:36:39  
Product Name: **Petroleum ether**  
CAS Number: 8032-32-4  
Specifications & Purity: Analytical Reagent, bp 60-90 °C  
Lot #: J2227166  
SKU #: **P116176**  
Analysis: **150810**

| Parameter                               | Limit Values           | Result                 |
|---|------------------------|------------------------|
| Color test (APHA)                       | 0-10                   | 10.00000               |
| Boiling point                           | 60-90 (°C)             | 68.00000 °C            |
| Water by Karl Fischer                   | 0-0.015 (%)            | 0.00520 %              |
| Iron(Fe)                                | 0-0.0001 (%)           | 0.00000 %              |
| Evaporation Residue                     | 0-0.001 (%)            | 0.00000 %              |
| Acidity(as H <sup>+</sup> )             | 0-0.015 (µmol/g)       | 0.00000 µmol/g         |
| Lead(Pb)                                | 0-0.0001 (%)           | 0.000000 %             |
| Benzene(C <sub>6</sub> H <sub>6</sub> ) | 0-0.025(%)             | 0.00051 %              |
| Sulfate(SO <sub>4</sub> <sup>2-</sup> ) | 0-0.015 (%)            | 0.00000 %              |
| Appearance (P116176)                    | Colorless clear liquid | Colorless clear liquid |
| Readily carbonizable substance          | Pass                   | Pass                   |



John Su  
QA & QC Manager