

## Certificate of Analysis

Date of Testing: 2022-08-12 15:38:08  
Date of Next Testing: 2026-08-11 15:38:08  
Product Name: **Petroleum ether**  
CAS Number: 8032-32-4  
Specifications & Purity: Analytical Reagent, bp 90-120 °C  
Lot #: F2209018  
SKU #: **P116178**  
Analysis: **127034**

Parameter	Limit Values	Result
Color test (APHA)	0-10	0.00000
Boiling point	90-120 (°C)	99.00000 °C
Water by Karl Fischer	0-0.015 (%)	0.01340 %
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(%)	0.01680 %
Sulfate(SO <sub>4</sub> <sup>2-</sup> )	0-0.015 (%)	0.00000 %
Readily carbonizable substance	pass	Pass
Appearance (P116178)	Colorless clear liquid	Colorless clear liquid



John Su  
QA & QC Manager