

Certificate of Analysis

Compound Information

Product Name: Diethyl Ether
CAS No.: 60-29-7
Cat. No.: G5780081
Molecular Formula: C₄H₁₀O
Molecular Weight: 74.12

Batch Information

Batch No.: 9481333
Test Date: 2024-12-30
Report Date: 2024-12-31
Retest Date: 2030-06-27
Storage: Store in a cool, dry area.
Origin: China

Test Item

Test	Specification	Result
Purity, %	≥99.5	99.92
Color, Hazen Units	≤10	3
Acidity (as H ⁺), mmol/g	≤0.0005	0.0004
Alkalinity (as OH ⁻), mmol/g	≤0.0002	0.0002
Evaporation Residue, %	≤0.0005	0.0003
Water Content, %	≤0.05	0.02
Maximum UV Absorbance		
at 218 nm	≤1	0.859
at 250 nm	≤0.2	0.125
at 275 nm	≤0.04	0.031
at 300–400 nm	≤0.01	0.009

Conclusion Signature

The product has been tested and complies with the given specifications.

Reviewed by:



Reviewed by:



Approved by:

