

Certificate of Analysis

Date of Testing: 2024-12-23 15:54:07

Date of Next Testing: 2028-12-22 15:54:07

Product Name: **n-Octanol**

CAS Number: 111-87-5

Specifications & Purity: AR, ≥99%

Lot #: L2420519

SKU #: **O103325**

Version: **1**

Analysis #: **358623**

Parameter	Limit Values	Result
Hydroxy Value	418-431 (mg/g)	423.65 mg/g
Density (20°C)	0.824-0.826 (g/ml)	0.82 g/ml
Purity(GC)	99-100 (%)	99.25 %
Refractive index n ₂₀ /D	1.428-1.43	1.43
Acid Value	0-0.1 (mg/g)	0.04 mg/g
Water by Karl Fischer	0-0.1 (%)	0.02 %
Boiling range, 194.0~197.0°C	Conforms	Conforms
Appearance(O103325)	Colorless Liquid	Colorless liquid
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager