

Certificate of Analysis

Date of Testing: 2025-05-16 14:25:26

Date of Next Testing: 2029-05-15 14:25:26

Product Name: **n-Octanol**

CAS Number: 111-87-5

Specifications & Purity: AR, ≥99%

Lot #: G2130293

SKU # **O103325**

Version **1**

Analysis #: **510302**

Parameter	Limit Values	Result
Hydroxy Value	418-431 (mg/g)	422.00 mg/g
Density (20°C)	0.824-0.826 (g/ml)	0.82 g/ml
Purity(GC)	99-100 (%)	99.50 %
Refractive index n ₂₀ /D	1.428-1.43	1.43
Acid Value	0-0.1 (mg/g)	0.01 mg/g
Water by Karl Fischer	0-0.1 (%)	0.03 %
Boiling range, 194.0~197.0°C	Conforms	Conforms
Infrared spectrum	Conforms to Structure	Conforms to Structure
Appearance(O103325)	Colorless Liquid	Colorless liquid



John Su
QA & QC Manager