

Certificate of Analysis

Date of Testing: 2022-10-21 15:47:32
Date of Next Testing: 2026-10-20 15:47:32
Product Name: **n-Octanol**
CAS Number: 111-87-5
Specifications & Purity: Analytical Reagent, 99.0%
Lot #: J22181073
SKU #: **O103325**
Analysis: **142916**

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 (%)	99.87 %
Refractive index n ₂₀ /D	1.428-1.43	1.43
Acid Value	0-0.1 (mg/g)	0.05 mg/g
Water by Karl Fischer	0-0.1 (%)	0.06 %
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