

Certificate of Analysis

Date of Testing: 2024-01-29 10:20:07

Date of Next Testing: 2028-01-28 10:20:07

Product Name: **n-Octanol**

CAS Number: 111-87-5

Specifications & Purity: $\geq 99.5\%$

Lot #: A2426547

SKU # **O119018**

Analysis: 319831

Parameter	Limit Values	Result
UV Absorbance 250nm	0-0.05	0.03
UV Absorbance 400nm	0-0.01	0.00
UV Absorbance 215nm	0-1	0.54
Refractive index n ₂₀ /D	1.428-1.431	1.43
UV Absorbance 300nm	0-0.01	0.01
Residue on Evaporation	0-0.004 (%)	0.00 %
UV Absorbance 225nm	0-0.5	0.28
Water by Karl Fischer	0-0.01 (%)	0.00 %
Density (20°C)	0.824-0.829	0.83
Purity(GC)	99.5-100 (%)	99.74 %
UV Absorbance 235nm	0-0.2	0.12
Appearance (O119018)	Colorless Liquid	Colorless liquid
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager