

Certificate of Analysis

Date of Testing: 2023-07-14 14:30:46

Date of Next Testing: 2027-07-13 14:30:46

Product Name: **n-Octanol**

CAS Number: 111-87-5

Specifications & Purity: $\geq 99.5\%$

Lot #: G2310601

SKU #: **O119018**

Analysis: **251924**

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	0.61
Refractive index n ₂₀ /D	1.428-1.431	1.43
UV Absorbance 300nm	0-0.01	0.00
Residue on Evaporation	0-0.004 (%)	0.00 %
UV Absorbance 225nm	0-0.5	0.37
Water by Karl Fischer	0-0.01 (%)	0.01 %
Density (20°C)	0.824-0.829	0.83
Purity(GC)	99.5-100 (%)	99.76 %
UV Absorbance 235nm	0-0.2	0.19
Appearance (O119018)	Colorless Liquid	Colorless liquid
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager