

Certificate of Analysis

Date of Testing: 2025-06-25 18:18:36
 Date of Next Testing: 2029-06-24 18:18:36
 Product Name: **n-Octanol**
 CAS Number: 111-87-5
 Specifications & Purity: Moligand™, Chromatographic grade, ≥99.5%
 Lot #: F2519690
 SKU #: **O119018**
 Version: **0**
 Analysis #: **534370**

Parameter	Limit Values	Result
Absorbance (at 250 nm)	0-0.05	0.03
UV Absorbance 400nm	0-0.01	0.00
UV Absorbance 215nm	0-1	0.51
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	0.25
Water by Karl Fischer	0-0.01 (%)	0.01 %
Density (20°C)	0.824-0.829	0.82
Purity(GC)	99.5-100 (%)	99.53 %
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