

Certificate of Analysis

Date of Testing: 2025-05-20 14:27:59

Date of Next Testing: 2027-05-10 14:27:59

Product Name: **n-Octylamine**

CAS Number: 111-86-4

Specifications & Purity: $\geq 99\%$

Lot #: H2316598

SKU #: **O110545**

Version: **1**

Analysis #: **511267**

Storage Temperature: Protected from light, Argon charged

Parameter	Limit Values	Result
Purity(Titration by HClO ₄)	98.5-101.5 (%)	99.60 %
Refractive index n ₂₀ /D	1.428-1.431	1.43
Density (20°C)	0.78-0.785	0.78
Purity(GC)	99-100 (%)	99.50 %
Appearance (O110545)	Colorless to light yellow liquid	Colorless to light yellow liquid
Infrared spectrum	Conforms to Structure	Conforms to Structure
NMR Spectrum 1H	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager