

Certificate of Analysis

Date of Testing: 2025-04-12 15:24:00

Date of Next Testing: 2029-04-11 15:24:00

Product Name: **Cyclohexane**

CAS Number: 110-82-7

Specifications & Purity: Chromatographic grade, $\geq 99.9\%$

Lot #: D2507342

SKU #: **C100585**

Version: **1**

Analysis #: **487951**

Storage Temperature: Room temperature, Argon charged

Parameter	Limit Values	Result
Fluorescence (quinine) at 365 nm	0-1 (ppb)	0.33 ppb
Refractive index n ₂₀ /D	1.425-1.427	1.43
UV Absorbance 300nm	0-0.005	0.00
UV Absorbance 225nm	0-0.17	0.12
Evaporation Residue	0-0.0001 (%)	0.00 %
UV Absorbance 200nm	0-1	0.96
UV Absorbance 400nm	0-0.005	0.00
Purity(GC)	99.9-100 (%)	99.97 %
Water by Karl Fischer	0-0.01 (%)	0.00 %
UV Absorbance 250nm	0-0.02	0.01
Appearance (C100585)	Colorless Liquid	Colorless liquid
Infrared spectrum	Conforms to Structure	Conforms to Structure



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QA & QC Manager