

F-QC-001 Rev.00

Certificate Of Analysis

Product Name : Cyclohexane 99.5 % AR

Catalog Number : B-3021

Batch Number : 3021-00000000

CAS Number : 110-82-7

Molecular Weight : 84.16 g/mol

MoL. Formula : C₆H₁₂

Expire Date : 60 Months



No	Test	Specifications	Results
1	Appearance	clear colorless liquid	clear colorless liquid
2	Assay (by GC)	min 99.5 %	99.87%
3	Wt. Per ml at 20 °C	0.777 – 0.779 g/cm ³	0.778 g/cm ³
4	Colour	max 10 Hazen	6 Hazen
5	Refractive Index (n _D ²⁰)	1.426 – 1.427	1.427
6	Non-volatile matter	max 0.001 %	0.0005%
7	Water (H ₂ O)	max 0.02 %	0.0147%
8	Benzene (C ₆ H ₆)	max 0.01 %	0.005%
9	Cyclohexene (C ₆ H ₁₀)	max 0.01 %	0.003%
10	Substances darkened by H ₂ SO ₄	passes test	passes

Corresponds to AR/ACS Grade

LABOTIQ Standard of Product Reference to Analar standard and ACS specification



SUDIRO S.Si.
Manager QC