

F-QC-001 Rev.00

Certificate Of Analysis

Product Name : n-Heptane 99 % AR

Catalog Number : B-3057

Batch Number : 3057-00000000

CAS Number : 142-82-5

Molecular Weight : 100.21 g/mol

Mol. Formula : C₇H₁₆

Expire Date : 60 Months

SAMPLE

No	Test	Specifications	Results
1	Appearance	A clear colorless liquid	A clear colorless liquid
2	Assay (by GC)	min 99.0 %	99.69%
3	Wt. Per ml at 20 °C	0.683 – 0.686 g/cm ³	0.683 g/cm ³
4	Colour	max 10 Hazen	8 Hazen
5	Refractive Index (n _D ²⁰)	1.387 – 1.388	1.388
6	Bromine number	max 0.5	0.1
7	Non-volatile matter	max 0.001 %	0.00012%
8	Water (H ₂ O) (by KF)	max 0.02 %	0.0132%
9	Acidity (as CH ₃ COOH)	max 0.0005 %	0.00016%
10	Alkalinity (as NH ₃)	max 0.0001 %	Nil
11	Sulphur compounds (CS ₂)	max 0.0003 %	0.0001%
12	Copper (Cu)	max 0.00002 %	0.000007%
13	Iron (Fe)	max 0.00005 %	0.00001%
14	Lead (Pb)	max 0.00002 %	0.000003%
15	Miscibility with chloroform & diethyl ether	Passes test	Passes

Corresponds to AR / ACS Grade

LABOTIQ Standard of Product Reference to Analar standard and ACS specification

SUDIRO S.Si.
Manager QC