

F-QC-001 Rev.00

Certificate Of Analysis

Product Name : n-Hexane 99 % AR

Catalog Number : B-3059

Batch Number : 3059-000000

CAS Number : 110-54-3

Molecular Weight : 86.18 g/mol

Mol. Formula : C₆H₁₄

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 %	99.53%
3	Wt. Per ml at 20 °C	0.658 – 0.669 g/cm ³	0.658 g/cm ³
4	Colour	max 10 Hazen	8 Hazen
5	Non-volatile matter	max 0.001 %	0.00055%
6	Water (H ₂ O)	max 0.05 %	0.014%
7	Acidity (as CH ₃ COOH)	max 0.001 %	0.00015%
8	Alkalinity (as NH ₃)	max 0.001 %	Nil
9	Sulphuric compounds (as CS ₂)	max 0.0003 %	0.00004%
10	Aromatic hydrocarbon (as C ₆ H ₆)	max 0.01 %	0.0052%
11	Copper (Cu)	max 0.00001 %	0.000006%
12	Iron (Fe)	max 0.00001 %	0.000003%
13	Lead (Pb)	max 0.00001 %	0.000002%
14	Zinc (Zn)	max 0.00001 %	0.000004%
15	Substance 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

SUDIROS S.Si.
Manager QC