

F-QC-001 Rev.00

Certificate Of Analysis

Product Name : n-Pentane 99 % AR

Catalog Number : B-3060

Batch Number : 3060-00000000

CAS Number : 109-66-0

Molecular Weight : 72.15 g/mol

Mol. Formula : C₅H₁₂

Expire Date : 60 Months

SAMPLE

No	Test	Specifications	Results
1	Appearance	Clear colourless liquid	Clear colourless liquid
2	Assay (by GC)	min 99.0 %	99.55%
3	Wt. Per ml at 20 °C	0.624 – 0.626 g/cm ³	0.625 g/cm ³
4	Colour	max 10 Hazen	<10 Hazen
5	Bromine number	max 0.5	0.3
6	Refractive Index (n _D ²⁰)	1.357 – 1.358	1.357
7	Acidity (as C ₄ H ₉ COOH)	max 0.001 %	0.0004%
8	Water (H ₂ O)	max 0.02 %	0.0068%
9	Non-volatile matter	max 0.002 %	0.0003%
10	Sulphur compounds (as CS ₂)	max 0.0003 %	0.00005%
11	Copper (Cu)	max 0.00002 %	0.000007%
12	Iron (Fe)	max 0.00005 %	0.000012%
13	Lead (Pb)	max 0.00002 %	0.000004%
14	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

SUDIROS S.Si.
Manager QC