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Certificate of Analysis

Product	68930 - Isooctane for HPLC & UV Spectroscopy, 99.5% - [540-84-1]
Batch No	9871132
Analysis Date	15-Jun-2024
Date of Manufacture	June 2024
Expiry Date/Re-Test Date	June 2029
Molecular Formula	C8H18
Molecular Weight	114.23

Test Parameters	Standards	Actual Results
Appearance (Clarity)	Clear	Clear
Appearance (Colour)	Colourless	Colourless
Appearance (Form)	Liquid	Liquid
Colour (APHA)	max. 10	Passes
Assay (GC)	min. 99.5%	99.87%
Density (g/ml) @ 20°C	0.691-0.693	0.691
Refractive Index (20°C)	1.391-1.392	1.391
Boiling Range	98-99°C	98-99°C
Non Volatile Matter	max. 0.0005%	0.0003%
Impurities (incl. n-Heptane)	max. 0.1% by volume	0.1%
Heavy Metals (Pb)	max. 0.00005%	Passes
Acidity (CH3COOH)	max. 0.0005%	0.0003%
Water (KF)	max. 0.01%	0.01%
%T (Transmission) in a 1cm cell v/s H2O		.
@200nm	≥25	26
@210nm	≥45	54
@220nm	≥75	75
@230nm	≥85	94
@240nm	≥95	98
@250nm	≥98	100
@260-400nm	≥99	100
(after purging with N2 for 15 min.)		

FRM/82/11/2/68930 Rev No. 3 Date 26/11/2022

Prepared by Akshay

In compliance with the standard specifications of SRL

Plant Site 1 : D-88/2, MIDC, Turbhe – 400 705, New Mumbai, India

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