

Certificate of Analysis

Product	n-Hexane 95%	Batch No.	: 21 05 0066
Grade	RCI Premium	Manufacturing date	: 16/05/2021
Code No.	RP1083	Best before	: 05/2025

Items	Descriptions	Specifications		Test Results	
1	Assay (by GC.)	95.0%	min.	98.1%	
2	Assay (by GC. : Total C6 Isomers)	98.5%	min.	99.8%	
3	Identity (IR)	Passes test		Passes test	
4	Color (APHA)	10	max.	< 10	
5	Water (by Coulometry)	0.01%	max.	0.006%	
6	Acidity (mEq./g.)	0.0003	max.	< 0.0003	
7	Residue on Evaporation	0.001%	max.	< 0.001%	
8	Aromatic hydrocarbons (as C ₆ H ₆)	0.01%	max.	< 0.01%	
9	Readily carbonizable substance	Passes test		Passes test	
10	Sulfur Compounds (S)	0.001%	max.	< 0.001%	
11	Thiophene	Passes test		Passes test	
12	UV Transmission Levels (%T) 420 - 260 nm	97%	min.	98.2%	
13	Aluminium (Al)	0.2	ppm max.	< 0.2	ppm
14	Barium (Ba)	0.05	ppm max.	< 0.05	ppm
15	Boron (B)	0.01	ppm max.	< 0.01	ppm
16	Cadmium (Cd)	0.02	ppm max.	< 0.02	ppm
17	Calcium (Ca)	0.2	ppm max.	< 0.2	ppm
18	Chromium (Cr)	0.01	ppm max.	< 0.01	ppm
19	Cobalt (Co)	0.01	ppm max.	< 0.01	ppm
20	Copper (Cu)	0.01	ppm max.	< 0.01	ppm
21	Iron (Fe)	0.05	ppm max.	< 0.05	ppm
22	Lead (Pb)	0.05	ppm max.	< 0.05	ppm
23	Magnesium (Mg)	0.05	ppm max.	< 0.05	ppm
24	Manganese (Mn)	0.01	ppm max.	< 0.01	ppm
25	Nickel (Ni)	0.01	ppm max.	< 0.01	ppm
26	Tin (Sn)	0.05	ppm max.	< 0.05	ppm
27	Zinc (Zn)	0.05	ppm max.	< 0.05	ppm

This is to certify the above batch has been tested and complies with this specification.

Ladaphan

Chemist

Achan

Technical Manager