

Certificate of Analysis

Product	n-Heptane 99%	Batch No.	: 21 06 0267
Grade	RCI Premium	Manufacturing date	: 23/06/2021
Code No.	RP1080	Best before	: 06/2025

Items	Descriptions	Specifications	Test Results
1	Assay (by GC.)	99.0% min.	99.4%
2	Identity (IR)	Passes test	Passes test
3	Appearance	Clear	Clear
4	Color (APHA)	10 max.	< 10
5	Water (by Coulometry)	0.01% max.	0.008%
6	Acidity (mEq./g.)	0.0005 max.	< 0.0005
7	Residue on Evaporation	0.001% max.	< 0.001%
8	Aromatic hydrocarbons (as C ₆ H ₆)	0.1% max.	< 0.1%
9	Readily carbonizable substance	Passes test	Passes test
10	Sulfur Compounds (S)	0.001% max.	< 0.001%
11	Aluminium (Al)	0.2 ppm max.	< 0.2 ppm
12	Barium (Ba)	0.05 ppm max.	< 0.05 ppm
13	Boron (B)	0.01 ppm max.	< 0.01 ppm
14	Cadmium (Cd)	0.02 ppm max.	< 0.02 ppm
15	Calcium (Ca)	0.2 ppm max.	< 0.2 ppm
16	Chromium (Cr)	0.01 ppm max.	< 0.01 ppm
17	Cobalt (Co)	0.01 ppm max.	< 0.01 ppm
18	Copper (Cu)	0.01 ppm max.	< 0.01 ppm
19	Iron (Fe)	0.05 ppm max.	< 0.05 ppm
20	Lead (Pb)	0.05 ppm max.	< 0.05 ppm
21	Magnesium (Mg)	0.05 ppm max.	< 0.05 ppm
22	Manganese (Mn)	0.01 ppm max.	< 0.01 ppm
23	Nickel (Ni)	0.01 ppm max.	< 0.01 ppm
24	Tin (Sn)	0.05 ppm max.	< 0.05 ppm
25	Zinc (Zn)	0.05 ppm max.	< 0.05 ppm

Meet USP/NF

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

Ladaphan

Chemist

Achon

Technical Manager