

Certificate of Analysis

Product	n-Hexane 99%	Batch No.	: 21 04 0103
Grade	HPLC Plus	Manufacturing date	: 30/04/2021
Code No.	LC1086	Best before	: 04/2025

Items	Descriptions	Specifications	Test Results
1	Assay (by GC.)	99.0% min.	99.2%
2	Appearance	Clear and colorless liquid	Clear and colorless liquid
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.)	0.0005 max.	< 0.0005
7	Alkalinity (mEq./g.)	0.0002 max.	< 0.0002
8	Residue on Evaporation	0.0003% max.	< 0.0003%
9	Substances darkened by sulfuric acid	Passes test	Passes test
10	UV Transmission Levels (%T)		
	240 nm	99% min.	99.8%
	230 nm	98% min.	99.3%
	220 nm	90% min.	97.9%
	210 nm	70% min.	93.8%
	200 nm	50% min.	84.5%
11	Fluorescence (as quinine)		
	at 254 nm	1 ppb max.	< 1 ppb
	at 365 nm	1 ppb max.	< 1 ppb
12	Silicone oil	Free	Not detectable
13	DOP	Free	Not detectable
14	Amide	Free	Not detectable

Product passed through 0.2 micron final filter.

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

Ladaphan
Chemist

Achan
Technical Manager