

Certificate of Analysis

Product	n-Hexane 95%	Batch No.	: 21 06 0202
Grade	HPLC Plus	Manufacturing date	: 22/06/2021
Code No.	LC1084	Best before	: 06/2025

Items	Descriptions	Specifications		Test Results
1	Assay (by GC.)	95.0%	min.	99.3%
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.	0.007%
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.	99.9%
	230 nm	98%	min.	99.3%
	220 nm	90%	min.	97.4%
	210 nm	70%	min.	91.8%
	200 nm	50%	min.	80.5%
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