

Certificate of Analysis

Product	n-Hexane 95%	Batch No.	: 21 05 0236
Grade	HPLC	Manufacturing date	: 31/05/2021
Code No.	LC1083	Best before	: 05/2025

Items	Descriptions	Specifications		Test Results
1	Assay (by GC.)	95.0%	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.	0.005%
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.	99.0%
	220 nm	90%	min.	97.3%
	210 nm	70%	min.	91.8%
	200 nm	50%	min.	79.0%
11	Fluorescence (as quinine)			
	at 254 nm	1 ppb	max.	< 1 ppb
	at 365 nm	1 ppb	max.	< 1 ppb

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

Sehan

Technical Manager