

Certificate of Analysis

Product	Methanol	Batch No.	: 21 05 0380
Grade	Super Gradient for HPLC	Manufacturing date	: 31/05/2021
Code No.	SG1115	Best before	: 05/2025

Items	Descriptions	Specifications		Test Results
1	Assay (by GC.)	99.9%	min.	99.9%
2	Identity (IR)	Passes test		Passes test
3	Color (APHA)	10	max.	< 10
4	Water (by Coulometry)	0.02%	max.	0.012%
5	Acidity (mEq./g.)	0.0003	max.	< 0.0003
6	Alkalinity (mEq./g.)	0.0002	max.	< 0.0002
7	Residue on Evaporation	0.0002%	max.	< 0.0002%
8	Acetone (GC.)	0.001%	max.	< 0.001%
9	UV Transmission Levels (%T)			
	250 nm	99%	min.	99.9%
	240 nm	98%	min.	99.3%
	230 nm	90%	min.	97.6%
	220 nm	75%	min.	93.9%
	210 nm	65%	min.	76.4%
10	Gradient Specification			
	at 230 nm	2.0 mAU	max.	< 2.0 mAU
	at 235 nm	2.0 mAU	max.	< 2.0 mAU
	at 254 nm	1.0 mAU	max.	< 1.0 mAU
11	Fluorescence (as quinine)			
	at 254 nm	1 ppb	max.	< 1 ppb
	at 365 nm	0.5 ppb	max.	< 0.5 ppb

Conforms to Reag. Ph.Eur

Suitable for HPLC, UPLC / UHPLC / Ultra HPLC - instruments.

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