

Certificate of Analysis

Product	Acetic Acid, Glacial	Batch No.	: 19 11 0189
Grade	AR.	Manufacturing date	: 23/11/2019
Code No.	AR1002	Best before	: 11/2023

Items	Descriptions	Specifications	Test Results
1	Assay (by acidimetry)	99.8% min.	99.9% (w/w)
2	Dilution test	Passes test	Passes test
3	Color (APHA)	10 max.	< 10
4	Titrate base (mEq./g.)	0.0004 max.	< 0.0004
5	Acetic Anhydride [(CH ₃ CO) ₂ O]	0.01% max.	< 0.01%
6	Residue on Evaporation	0.001% max.	< 0.001%
7	Substances reducing dichromate	Passes test	Passes test
8	Substances reducing permanganate	Passes test	Passes test
9	Chloride (Cl)	0.5 ppm max.	< 0.5 ppm
10	Sulfate (SO ₄)	0.5 ppm max.	< 0.5 ppm
11	Heavy metals (as Pb)	0.5 ppm max.	< 0.5 ppm
12	Arsenic (As)	0.01 ppm max.	< 0.01 ppm
13	Iron (Fe)	0.2 ppm max.	< 0.2 ppm

Meet A.C.S. Specifications.

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

Ladaphan.

Chemist

Achan.

Technical Manager