



**Gujarat Narmada Valley
Fertilizers & Chemicals Limited**

CIN : L24110GJ1976PLC002903



(An ISO 14001 & ISO 45001 Company)

P.O Narmadanagar – 392015, Dist. Bharuch, Gujarat, India
IS 695



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CENTRAL LABORATORY

CERTIFICATE OF ANALYSIS

Acetic Acid (Glacial)

Date:03.02.2025

Product : Acetic Acid (Glacial) Tank : AD(Q-8019C)
Lot : - Year of Mfg : 2025
PO No. : - Dispatch Date : 03.02.2025

Sr No	Test	Unit	Specs	Result
1	SOLUBILITY IN WATER	-	COMPLETELY MISCIBLE	PASS
2	RELATIVE DENSITY AT 27 DEG C	-	1.0496 MAX	1.0489
3	COLOUR HAZEN UNITS	-	10 MAX	< 5
4	ACETIC ACID CONTENT	% w/w	99.85 MIN	99.91
5	CRYSTALIZATION POINT DEG.C	-	16.35 MIN	16.39
6	IRON AS FE	PPM	1.0 MAX	0.11
7	HEAVY METAL AS PB	PPM	2.00 MAX	< 1
8	FORMIC ACID	% w/w	0.05 MAX	0.02
9	ALDEHYDE AS ACETALDEHYDE	% w/w	0.05 MAX	< 0.005
10	OXIDIZABLE IMPURITIES	HRS	2.0 MIN	PASS
11	WATER	% w/w	0.15 MAX	0.08
12	ARSENIC AS AS	PPM	2.0 MAX	< 2
13	CHLORIDE AS CL	PPM	1.0 MAX	< 1
14	SULPHATE AS SO4	PPM	1.0 MAX	< 1
15	RESIDUE ON EVAPORATION	% w/w	0.005 MAX	< 0.005

REMARKS

Product meets with GNFC and IS 695 : 2020 - Pure Grade requirements.

* Acetic Acid is corrosive. Its vapours and Liquid are dangerous to eyes.

S/d
CM / SM (Lab)

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