



**Gujarat Narmada Valley
Fertilizers & Chemicals Limited**
CIN : L24110GJ1976PLC002903

An ISO 9001, ISO 14001, ISO 45001 & ISO 50001 Certified Company



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CENTRAL LABORATORY

CERTIFICATE OF ANALYSIS

ACETIC ACID (GLACIAL)

Date: 17.09.2023

Product	: ACETIC ACID (GLACIAL)	Tank	: AA(T-9101B)
Lot	: -	Year of Mfg	: 2023
PO No.	: -	Vehicle No.	: GJ16AV3457
Invoice No.	: 7303062520	Dispatch Date	: 17.09.2023

Sr No	Test	Unit	Specs	Result
1	SOLUBILITY IN WATER	-	COMPLETELY MISCIBLE	PASS
2	RELATIVE DENSITY AT 27/27 DEG C	-	1.0496 MAX	1.0490
3	COLOUR HAZEN UNITS	-	10 MAX	< 5
4	ACETIC ACID CONTENT	% w/w	99.85 MIN	99.90
5	CRYSTALLIZATION POINT DEG.C	-	16.35 MIN	16.40
6	IRON AS FE	PPM	1.0 MAX	0.12
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.

* Not a Food Grade material.

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

S/c
CM / SM (Lab)