

CERTIFICATE OF ANALYSIS

PRODUCT NAME : SODIUM NITRATE AR

CAS No : 7631-99-4

Mol. Formula : NaNO₃

Mol. WT : 84.99

Date of analysis : 05/09/24

Product code : 25900

Batch No. : MCAR-00560

Mfd. : Sept. 2024

Exp. : Aug. 2029

S.R	Test	Specification	Observation
1	Description	Colourless transparent crystals or white crystalline powder.	White crystalline powder
2	Assay	99.5%w/w min	99.55%w/w
3	pH (5% aqueous)	5.0 - 7.5	6.53
4	Insoluble matter	0.003% max	0.002%
5	Chloride (Cl)	0.0005% max	< 0.0005%
6	Iodate (IO₃)	0.0005% max	< 0.0005%
7	Nitrite (NO₂)	0.0005% max	< 0.0005%
8	Phosphate (PO₄)	0.0002% max	< 0.0002%
9	Sulphate (SO₄)	0.003% max	< 0.003%
10	Arsenic (As)	0.00004 % max	< 0.00004%
11	Calcium (Ca)	0.002% max	< 0.002%
12	Copper (Cu)	0.0002 % max	< 0.0002 %
13	Iron (Fe)	0.0002% max	< 0.0002%
14	Lead (Pb)	0.0002% max	< 0.0002%
15	Potassium (K)	0.005% max	< 0.005%

REMARK: THE PRODUCT COMPLIES WITH THE ABOVE SPECIFICATIONS

[Tested By]



**CHEMIST
(Shruti)**

[QC Incharge]



**HEAD-QUALITY ASSURANCE
(G.G.Salian)**

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