

## CERTIFICATE OF ANALYSIS

**PRODUCT NAME : SODIUM NITRATE AR**


**CAS No : 7631-99-4**  
**Mol. Formula : NaNO<sub>3</sub>**  
**Mol. WT : 84.99**  
**Date of analysis : 19/06/24**

**Product code : 25900**  
**Batch No. : MCAR-00290**  
**Mfd. : June 2024**  
**Exp. : May 2029**

S.R	Test	Specification	Observation
1	<b>Description</b>	Colourless transparent crystals or white crystalline powder.	White crystalline powder
2	<b>Assay</b>	99.5%w/w min	99.80%w/w
3	<b>pH (5% aqueous)</b>	5.0 - 7.5	5.54
4	<b>Insoluble matter</b>	0.003% max	0.002%
5	<b>Chloride (Cl)</b>	0.0005% max	< 0.0005%
6	<b>Iodate (IO<sub>3</sub>)</b>	0.0005% max	< 0.0005%
7	<b>Nitrite (NO<sub>2</sub>)</b>	0.0005% max	< 0.0005%
8	<b>Phosphate (PO<sub>4</sub>)</b>	0.0002% max	< 0.0002%
9	<b>Sulphate (SO<sub>4</sub>)</b>	0.003% max	< 0.003%
10	<b>Arsenic (As)</b>	0.00004 % max	< 0.00004%
11	<b>Calcium (Ca)</b>	0.002% max	< 0.002%
12	<b>Copper (Cu)</b>	0.0002 % max	< 0.0002 %
13	<b>Iron (Fe)</b>	0.0002% max	< 0.0002%
14	<b>Lead (Pb)</b>	0.0002% max	< 0.0002%
15	<b>Potassium (K)</b>	0.005% max	< 0.005%

**REMARK:** THE PRODUCT COMPLIES WITH THE ABOVE SPECIFICATIONS

**[Tested By]**



**CHEMIST  
(Asmita)**

**[QC Incharge]**



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

MOLYCHEM H.Q. : Maker Tower 'E', 41-A2, 4th Floor, Above Maker Arcade, Cuffe Parade, Mumbai 400 005 (INDIA)

Tel. : +91 22 4066 8111 • Email: [info@molychem.net](mailto:info@molychem.net) • Web: [www.molychem.net](http://www.molychem.net)

Reg. Office : 78/80 Babu Genu Road, Sourji Bldg., 2nd Floor, Mumbai - 400 002 (INDIA)

Works : Unit I - Plot No. B/9, Unit II - Plot No. B/11, Badlapur M.I.D.C., Opp. Shobhavat Textile Co., Kulgaon, Badlapur (E), Dist.-Thane-421 503.