



CERTIFICATE OF ANALYSIS

PRODUCT NAME : POTASSIUM NITRATE AR

CAS No	: 7757-79-1	Product code	: 25060
Mol. Formula	: KNO₃	Batch No.	: MCRT-29864
Mol. WT	: 101.11	Mfd.	: Dec. 2023
Date of Analysis	: 06/12/23	Exp.	: Nov. 2028

S.R	Test	Specification	Observation
1	Description	Colourless crystals or white crystalline powder.	White crystalline powder.
2	Assay	99.5 % min	99.64%
3	pH (5% solution 20°C)	5.0 – 7.0	6.40
4	Chloride(Cl)	0.001 % max	<0.001 %
5	Sulphate (SO₄)	0.003 % max	<0.003 %
6	Phosphate (PO₄)	0.0005 % max	<0.0005 %
7	Heavy metals (as Pb)	0.001 % max	<0.001 %
8	Iron (Fe)	0.001 % max	<0.001 %
9	Calcium (Ca)	0.002 % max	<0.002 %
10	Sodium (Na)	0.01 % max	<0.01 %
11	Ammonium (NH₄)	0.004 % max	<0.004 %
12	Iodate (IO₃)	0.0005 % max	<0.0005 %
13	Nitrite (NO₂)	0.001 % max	<0.001 %
14	Magnesium (Mg)	0.002 % max	<0.002 %
15	Copper (Cu)	0.001% max	<0.001%

REMARK: THE PRODUCT COMPLIES WITH THE ABOVE SPECIFICATIONS

[Tested By]

[QC Incharge]

**CHEMIST
(Durvas)**

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

Note: Computer generated image requires no sign.

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 • **Web:** www.molychem.net

Reg. Office : 78/80 Babu Genu Road, Souri 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.