



CERTIFICATE OF ANALYSIS

PRODUCT NAME : POTASSIUM NITRATE AR

CAS No : 7757-79-1

Mol. Formula : KNO₃

Mol. WT : 101.11

Date of Analysis : 27/07/23

Product code : 25060

Batch No. : MCRT-28886

Mfd. : July 2023

Exp. : June 2028

S.R	Test	Specification	Observation
1	Description	Colourless crystals or white crystalline powder.	White crystalline powder.
2	Assay	99.5 % min	99.73%
3	pH (5% solution 20°C)	5.0 – 7.0	6.48
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]

**CHEMIST
(Deepa)**

[QC Incharge]

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

Note: Computer generated image requires no sign.

MOLYCHEM Office: 78/80 Babu Genu Road, Souri Bldg., 2nd Floor, Mumbai – 400 002 (INDIA)

Tel: +91 22 4066 8111, 2205 7772 . Fax: + 91 22 2203 4442. Email : info@molychem.net

Works: Plot No. B/9, Badlapur M.I.D.C.,OPP.Shobhavat Textile Co.,

Kulgaon, Badlapur (E), Dist.-Thane-421 503