

## CERTIFICATE OF ANALYSIS

**PRODUCT NAME : POTASSIUM PERMANGANATE AR**

**CAS No : 7722-64-7**  
**Mol. Formula : KMnO<sub>4</sub>**  
**Mol. WT : 158.03**  
**Date of analysis : 28/03/25**

**Product code : 25100**  
**Batch No. : MCAR-01406**  
**Mfd. : March 2025**  
**Exp. : Feb. 2030**

S.R	Test	Specification	Observation
1	<b>Description</b>	Dark purple or black or blackish purple or Greenish black or brownish colour crystals or crystalline powder with metallic luster.	Greenish Black crystals with metallic luster.
2	<b>Assay (by Iodometric)</b>	99.5 % w/w min.	99.65% w/w
3	<b>Substance insoluble in water</b>	0.05 % max	0.03 %
4	<b>Chloride (Cl)</b>	0.005% max	< 0.005%
5	<b>Sulphate (SO<sub>4</sub>)</b>	0.005% max	< 0.005%
6	<b>Total Nitrogen (N)</b>	0.015% max	< 0.015%
7	<b>Lead (Pb)</b>	0.002% max	< 0.002%
8	<b>Copper (Cu)</b>	0.002% max	< 0.002%
9	<b>Iron (Fe)</b>	0.002% max	< 0.002%

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

**[Tested By]**



**CHEMIST  
(Shruti)**



**[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, 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.