

## CERTIFICATE OF ANALYSIS

**PRODUCT NAME : POTASSIUM PERMANGANATE LR**

**CAS No : 7722-64-7**  
**Mol. Formula : KMnO<sub>4</sub>**  
**Mol. WT : 158.03**  
**Date of analysis : 06/06/25**

**Product code : 17380**  
**Batch No. : MCR-34189**  
**Mfd. : June 2025**  
**Exp. : May 2030**

| S.R | Test                        | Specification   | Observation               |
|-----|-----------------------------|---|---------------------------|
| 1   | Description                 | Dark purple or black or blackish purple or Greenish black or brownish colour crystals or crystalline powder with metallic luster. | Brownish colour crystals. |
| 2   | Assay (by iodometric)       | 99 % min  | 99.89%                    |
| 3   | Insoluble matter            | 0.5% max  | 0.2%                      |
| 4   | Chloride(Cl)                | 0.05 % max  | < 0.05 %                  |
| 5   | Nitrate(NO <sub>3</sub> )   | 0.2 % max   | < 0.2 %                   |
| 6   | Sulphate (SO <sub>4</sub> ) | 0.05 % max  | < 0.05 %                  |
| 7   | Sodium (Na)                 | 0.5 % max   | < 0.5 %                   |

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

**[Tested By]**



**CHEMIST  
(Deepa)**



**[QC Incharge]**



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

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