



## CERTIFICATE OF ANALYSIS

**PRODUCT NAME : POTASSIUM PERMANGANATE**

**CAS No : 7722-64-7**

**Mol. Formula :  $\text{KMnO}_4$**

**Mol. WT : 158.03**

**Date of analysis : 24/05/22**

**Product code : 17380**

**Batch No. : MCR-25722**

**Mfd. : May 2022**

**Exp. : April 2027**

| 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. | Greenish black crystals with metallic luster. |
| 2    | Assay (by iodometric)      | 99 % min  | 99.64%  |
| 3    | Insoluble matter           | 0.5% max  | 0.04%   |
| 4    | Chloride(Cl)               | 0.05 % max  | < 0.05 %                                      |
| 5    | Nitrate( $\text{NO}_3$ )   | 0.2 % max   | < 0.2 %                                       |
| 6    | Sulphate ( $\text{SO}_4$ ) | 0.05 % max  | < 0.05 %                                      |
| 7    | Sodium (Na)                | 0.5 % max   | < 0.5 %                                       |

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

**[Tested By]**

**[QC Incharge]**

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

**Note:** Computer generated image requires no sign.

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