



CERTIFICATE OF ANALYSIS

Date: 13/05/18

PRODUCT NAME : POTASSIUM PERMANGANATE AR

CAS No : 7722-64-7 Product code : 25100
Mol. Formula : KMnO_4 Batch No : MCRT-16128
Mol. WT : 158.03 Mfd. : May 2018
Exp. : April 2023

| 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 colour crystals with metallic luster. |
| 2 | Assay (by Iodometric) | 99.5 % w/w min. | 99.92 % w/w |
| 3 | Substance insoluble in water | 0.05 % max | 0.01 % |
| 4 | Chloride (Cl) | 0.005% max | < 0.005% |
| 5 | Sulphate (SO_4) | 0.005% max | < 0.005% |
| 6 | Total Nitrogen (N) | 0.015% max | < 0.015% |
| 7 | Lead (Pb) | 0.002% max | < 0.002% |
| 8 | Copper (Cu) | 0.002% max | < 0.002% |
| 9 | Iron (Fe) | 0.002% max | < 0.002% |

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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