

## CERTIFICATE OF ANALYSIS

**PRODUCT NAME : POTASSIUM FERROCYANIDE AR**

|                         |                               |                     |              |
|-------------------------|-------------------------------|---------------------|--------------|
| <b>CAS No</b>           | : 14459-95-1                  | <b>Product code</b> | : 24920      |
| <b>Mol. Formula</b>     | : $K_4[Fe(CN)_6] \cdot 3H_2O$ | <b>Batch No.</b>    | : MCAR-00788 |
| <b>Mol. WT</b>          | : 422.39                      | <b>Mfd.</b>         | : Nov. 2024  |
| <b>Date of Analysis</b> | : 06/11/24                    | <b>Exp.</b>         | : Oct. 2029  |

| S.R | Test                            | Specification                               | Observation                     |
|-----|---------------------------------|---|---------------------------------|
| 1   | <b>Description</b>              | Pale yellow crystals or crystalline powder. | Pale yellow crystalline powder. |
| 2   | <b>Assay</b>                    | 99-102 %w/w                                 | 99.62% w/w                      |
| 3   | <b>Water insoluble matter</b>   | 0.003% max                                  | 0.002%                          |
| 4   | <b>Chloride (Cl)</b>            | 0.01% max                                   | < 0.01%                         |
| 5   | <b>Sulphate(SO<sub>4</sub>)</b> | 0.005% max                                  | < 0.005%                        |
| 6   | <b>Lead (Pb)</b>                | 0.002% max                                  | < 0.002%                        |
| 7   | <b>Sodium (Na)</b>              | 0.01% max                                   | < 0.01%                         |

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

**[Tested By]**



**CHEMIST  
(Deepa)**

**[QC Incharge]**



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

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