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CERTIFICATE OF ANALYSIS

Name of the Sample : Eriochrome Blue Black – R (Calcon)
Batch No. : 226823
Date of Mfg. : Aug 2023
Date of Exp. : July 2028
Register No. : 2023-24
Qty of Sample : 100gm
Date of Analysis : Aug 2023

| S. No | Test Parameters | Observed Values | Standard Values |
|-------|--|-----------------|-----------------------|
| 1. | Description | Passes | Blackish Brown Powder |
| 2. | Solubility 0.1% (50% EtOH) | Passes | Red solution |
| 3. | Absorptivity 1%, 1cm, at λ max. 637.0 nm (Ammonia buffer, pH 10.0+2ml of 0.05M E.D.T.A. Solution) | 423 | 300 - 500 |
| 4. | Loss on drying at 110°C | 3.28% | < 10% |
| 5. | Suitability (as indicator for metal titration) | Passes | To Pass Test |

Chief Chemist