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CERTIFICATE OF ANALYSIS

Name of the Sample : Xylenol Orange AR
Batch No. : 226964
Date of Mfg : Sep 2023
Date of Exp. : Aug 2028
Register No. : 2023-24
Qty of Sample : 100gm
Date of Analysis : Sep 2023

| S. No | Test Parameters | Observed Values | Standard Values |
|-------|--|-----------------|---------------------------------------|
| 1. | Description | Passes | Reddish brown to Dark Brownish Powder |
| 2. | Solubility 0.1% (0.1N NaOH) | Passes | Clear reddish to violet solution |
| 3. | Absorptivity 1%/1cm, at λ max.579.2nm | 615 | > 550 |
| 4. | Loss on drying at 105°C (1 hour) | 4.14% | < 8% |
| 5. | Sensitivity for zinc | Passes test | To Pass test |

Chief Chemist