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CERTIFICATE OF ANALYSIS

Name of the Sample : **Methyl Red Sodium Salt**
Batch No. : **228523**
Date of Mfg. : **April 2025**
Date of Expiry : **March 2030**
Register No. : **2025-26**
Qty of Sample : **100gm**
Date of Analysis : **April 2025**

S. No	Test Parameters	Observed Values	Standard Values
1.	Description	Passes	Dark Yellow to Orange Powder.
2.	Transition Range pH: 4.2 pH: 6.2	Passes Passes	Violet Red Brownish Yellow
3.	Absorption maxima in Distilled water	431nm	430 – 440nm
4.	Absorptivity A1%, 1cm in distilled water	598	> 585
5.	Dye contents (by spectrophotometry)	97.1%	> 95%
6.	Loss on drying at 110°C	3.52%	< 5%

Chief Chemist