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CERTIFICATE OF ANALYSIS

Name of the Sample : Cresol Red pH Indicator
Batch No. : 228431
Date of Mfg. : March 2025
Date of Exp : Feb 2030
Register No. : 2025-26
Qty of Sample : 100 gm
Date of Analysis : March 2025

S. No	Test Parameters	Observed Values	Standard Values
1.	Description	Passes	Reddish Brown Powder
2.	Transition Range pH : 0.5 – 2.5 pH : 6.5 – 8.8	Passes Passes	Pink to Yellow Yellow to Purple
3.	Solubility (95% Ethanol)	Passes	Clear Yellow Solution
4.	Absorptivity 1%/1cm (pH 8.8) at λ_{max} .573.8 nm	1074	1000 - 1100
5.	Absorptivity 1%/1cm (pH 6.5) at λ_{max} .435.2 nm	530	490 - 540
6.	Loss on drying at 110°C	1.76%	Max.5.0%

Chief Chemist