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### CERTIFICATE OF ANALYSIS

Name of the Sample : Cresol Red pH Indicator  
Batch No. : 224323  
Date of Mfg : Nov 2020  
Date of Exp : Oct 2025  
Register No. : 2020-21  
Qty of Sample : 100gm  
Date of Analysis : Nov 2020

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 $\lambda$ max.573.0 nm	1056	1000 - 1100
5.	Absorptivity 1%/1cm (pH 6.5) at $\lambda$ max.435.0 nm	518	490 - 540
6.	Loss on drying at 110°C	3.05%	Max.5.0%

Chief Chemist