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CERTIFICATE OF ANALYSIS

Name of the Sample : Congo Red pH indicator
Batch No. : 228264
Date of Mfg. : Jan 2025
Date of Exp : Dec 2029
Register No. : 2025-26
Qty of Sample : 100gm
Date of Analysis : Jan 2025

S. No	Test Parameters	Observed Values	Standard Values
1.	Description	Passes	Brownish red powder
2.	Transition Range Red (pH: 3.0 – 5.2)	Passes	Violet Blue – Orange
3.	Absorptivity 1%/1cm at λ max.498.6 nm	548	> 520
4.	Loss on drying at 110°C	1.13%	Max.5.0%
5.	Dye contents (by spectrophotometry)	77.2%	> 75%

Chief Chemist