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CERTIFICATE OF ANALYSIS

Name of the Sample : Neutral Red
Batch No. : 228494
Date of Mfg. : April 2025
Date of Exp : 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 Green Powder
2.	Transition range pH 6.8 – 8.0	Passes	Violet Red-Orange yellow
3.	Solubility 0.1% (50% EtOH + 2ml Acetic acid)	Passes	Clear red solution
4.	Absorptivity 1%/1cm, (50% EtOH+2ml Acetic acid) at λ max. 542.0 nm	979	> 915
5.	Assay (by spectrophotometry)	64.4%	> 60%
6.	Loss on drying at 110°C (1hr)	5.38%	< 8%

Chief Chemist