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CERTIFICATE OF ANALYSIS

Name of the Sample : Orcein for microscopy
Batch No. : 228564
Date of Mfg : May 2025
Date of Exp : April 2030
Register No. : 2025-26
Qty of Sample : 25gm
Date of Analysis : May 2025

S. No	Test Parameters	Observed Values	Standard Values
1.	Description	Passes	Dark Brown to Black-purple colored powder
2.	Solubility (0.1% in 0.1N NaOH)	Passes	Clear purple solution
3.	Absorption maxima (in 0.01N NaOH)	579.1nm	575 - 582 nm
4.	Spec. Absorptivity A1%/1cm (λ max. 0.001%, 0.01N NaOH)	319	270 - 330
5.	Loss on drying	4.7%	Max.7.0%
6.	TLC test	Passes	Passes test

Chief Chemist