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CERTIFICATE OF ANALYSIS

Name of the Sample : Orcein Powder
Batch No. : 226229
Date of Mfg : Dec 2022
Date of Exp : Nov 2027
Register No. : 2022-23
Qty of Sample : 25gm
Date of Analysis : Dec 2022

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)	578nm	575 - 582 nm
4.	Spec. Absorptivity A1%/1cm (λ max. 0.001%, 0.01N NaOH)	322	270 - 330
5.	Loss on drying	4.98%	Max.7.0%
6.	TLC test	Passes	Passes test

Chief Chemist