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CERTIFICATE OF ANALYSIS

Name of the Sample : Rhodamine – B for microscopy
Batch No. : 225377
Date of Mfg : Feb 2022
Date of Exp : Jan 2027
Register No. : 2022-23
Qty of Sample : 100gm
Date of Analysis : Feb 2022

S. No	Test Parameters	Observed Values	Standard Values
1.	Description	Passes	Green Powder
2.	Solubility 0.1% in distilled water	Passes	Clear green solution
3.	Absorption maxima in water	554.0 nm	550 – 554 nm
4.	Absorptivity A1%/1cm at λ max pH: 7.0 on dried substance	2250	Min.2100
5.	Loss on drying at 135°C	2.43%	Max.15.0%
6.	Suitability for microscopy	Passes	Passes

Chief Chemist