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CERTIFICATE OF ANALYSIS

Name of the Sample : **Eosin Yellow (Eosin Water Soluble)**
Batch No. : **228121**
Date of Mfg. : **Nov 2024**
Date of Exp : **Oct 2029**
Register No. : **2024-25**
Qty of Sample : **100 gm**
Date of Analysis : **Nov 2024**

S. No	Test Parameters	Observed Values	Standard Values
1.	Appearance	Passes	Dark Red Powder
2.	Solubility 0.1% (water + 1ml 1% Na ₂ CO ₃)	Passes	Dark Red Clear Solution
3.	Absorptivity 1%/1cm at λ max. 517.5 nm	1326	> 1200
4.	Dye Contents (by spectro photometry)	93.8%	> 85%
5.	Loss on drying at 110°C (1 hour)	3.52%	< 8%
6.	Suitability for microscopy	Passes	To Pass test

Chief Chemist