



CERTIFICATE OF ANALYSIS

Product Name : EOSIN YELLOW 90% dye content For Microscopy
Lot No. : L350272105 Analyzed On : 22-May-2021
Mol. Formula : C₂₀H₆Br₄Na₂O₅ Mol. Weight : 691.88
Code No. : 03660 CAS No. : 17372-87-1
Mfg. Date : May-2021 Exp. Date : Apr-2026
HAZ. / P.G. : - UN No. : -

Sr.	Tests	Specifications	Results
1	Appearance	Brownish red fine powder	Brownish red fine powder
2	Absorption maxima	515 - 518 nm	516.40nm
3	Dye content (by spectrophotometry)	Min 90%	92.25%
4	Solubility (0.1% in water)	Clear solution	Clear solution
5	Absorptivity (A 1%/1cm; at l _{max} ; in water)	1200 - 1400	1229.95
6	Loss on drying (at 110°C)	Max 8%	2.43%
7	Copper (Cu)	Max 0.005%	Nil
8	Iron (Fe)	Max 0.005%	0.000006 %
9	Nickel (Ni)	Max 0.005%	0.00036 %
10	Lead (Pb)	Max 0.005%	Nil
11	Suitability (for microscopy)	Passes test	Passes test

CONCLUSION -This above product complies as per the specifications of LOBA CHEMIE PVT. LTD.

Shashikant Gaikwad
QC Manager

LOBA CHEMIE PVT. LTD.

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