



CERTIFICATE OF ANALYSIS

Product Name : EOSIN YELLOW 90% dye content For Microscopy
Lot No. : L369992108 Analyzed On : 13-Aug-2021
Mol. Formula : C₂₀H₆Br₄Na₂O₅ Mol. Weight : 691.88
Code No. : 03660 CAS No. : 17372-87-1
Mfg. Date : Aug-2021 Exp. Date : Jul-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 nm
3	Dye content (by spectrophotometry)	Min 90%	91.33%
4	Solubility (0.1% in water)	Clear solution	Clear solution
5	Absorptivity (A 1%/1cm; at λmax; in water)	1200 - 1400	1217.73
6	Loss on drying (at 110°C)	Max 8%	3.07%
7	Copper (Cu)	Max 0.005%	Nil
8	Iron (Fe)	Max 0.005%	0.00055%
9	Nickel (Ni)	Max 0.005%	0.000082%
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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