



# BIO-CHEM CHEMICALS

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## CERTIFICATE OF ANALYSIS

<b>Product Name</b>	<b>EOSIN YELLOW FOR MICROSCOPY (WATER SOLUBLE)</b>
<b>Code No.</b>	<b>B-01117</b>
<b>Batch No.</b>	<b>BC04220091</b>
<b>Mfg.Date</b>	<b>APR-2022</b>
<b>Date of Analysis</b>	<b>28/04/2022</b>
<b>Retest Date</b>	<b>MAR-2027</b>

TEST	SPECIFICATION	RESULT
Appearance	Brownish red fine powder	Brownish red fine powder
Absorption maxima	515 - 518 nm	516.8 nm
Dye content (by spectrophotometry)	Min 85%	87.66%
Solubility (0.1% in water)	Clear solution	Complies
Absorptivity ( $A_{1\%}/1cm$ ; at $\lambda_{max}$ ; in water)	1200 - 1400	1382.6
Loss on dryig (at 110°C)	Max 8%	1.09%
Copper (Cu)	Max 0.005%	Less than 0.005%
Iron (Fe)	Max 0.005%	Less than 0.005%
Nickel (Ni)	Max 0.005%	Less than 0.005%
Lead (Pb)	Max 0.005%	Less than 0.005%
Suitability (for microscopy)	Passes test	Complies

REMARK: This product complies as per the specifications of **BIO-CHEM CHEMICALS**.

**This is an electronically generated certificate and is valid without a signature.**

For Issues relating to quality you may send us a mail on [info@biofinechemicals.com](mailto:info@biofinechemicals.com) or call on  
**+91-7404210730** Website- [www.biofinechemicals.com](http://www.biofinechemicals.com)