



BIO-CHEM CHEMICALS

Office Address: 5455, Nicholson Road Science Market , Ambala Cantt.133001 Haryana(India) ,
Contact no: +91-8295241953, +91-7404210730

CERTIFICATE OF ANALYSIS

Product Name	ALIZARIN RED S (PH INDICATOR)
Code No.	B-00101
Batch No.	BC/0295/20-2
Mfg.Date	NOV-2024
Date of Analysis	20/11/2022
Retest Date	OCT-2029

TEST	SPECIFICATION	RESULT
Appearance	Red powder	Red powder
Dye content	Min 70.0%	75.06%
Transition range		
pH 4.3-6.3	Yellow-Pink	Complies
pH 9.4-12.0	Brown orange-Violet	Complies
Solubility (0.1% in water)	Clear solution	Complies
Absorption maxima in 0.1 N NaOH	553-559 nm	554 nm
Absorption maxima in 0.1 N NaOH	592-599 nm	594 nm
Absorptivity (A1%/1cm at 556 nm)	Min 350.0	450.0
Absorptivity (A1%/1cm at 595 nm)	Min 325.0	350.0
Loss on drying (at 110°C)	Max 5.0%	1.95%

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 or call on **+91-7404210730** Website- www.biofinechemicals.com