



BIO-CHEM CHEMICALS

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CERTIFICATE OF ANALYSIS

Product Name	DIMETHYL YELLOW PH INDICATOR (C.I. NO. 11020)
CAS No.	60-11-7
Code No.	B-01052
Batch No.	BC12240420
Mfg.Date	DEC-2024
Date of Analysis	19/12/2024
Retest Date	NOV-2029

TEST	SPECIFICATION	RESULT
Appearance	Yellow powder	Yellow powder
Melting point	110 - 116°C	112°C
Transition range pH 2.9 to pH 4.0	Red to yellow	Passes test
Appearance of solution	0.1% solution in ethanol is clear	Clear solution
Absorption maxima in ethanol	403 - 407 nm	405 nm
Specific absorptivity A 1%/1cm (lmax; 0.005%; ethanol; calculated on dried substance)	1100 - 1300	1247
Loss on drying (40°C; 1 hpa)	Max. 5.0%	3.56%

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