



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	3,3',5,5'-TETRAMETHYLBENZIDINE 99%
Cas No.	54827-17-7
Code No.	B-02660
Batch No.	BC112007
Mfg.Date	NOV-2024
Date of Analysis	25/11/2024
Retest Date	DEC-2028

TEST	SPECIFICATION	RESULT
Appearance	White to Light yellow or Beige crystalline powder	Light yellow crystalline powder
Assay (by HClO ₄ titration)	Min 99.0%	99.97%
Melting range	166 - 170°C	168.6°C
Insoluble matter in acetic acid	Passes test	Complies
Loss on drying (at 120°C)	Max 0.5%	0.24%
Residue on ignition (as SO ₄)	Max 0.1%	0.07
Chloride (Cl)	Max 0.05%	Less than 0.05%
Sulphate (SO ₄)	Max 0.02%	Less than 0.02%
Copper (Cu)	Max 0.001%	Less than 0.001%
Iron (Fe)	Max 0.001%	Less than 0.001%
Nickel (Ni) or Lead (Pb)	Max 0.001%	Less than 0.001%

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