

Certificate of Analysis

Name of Product MOPS-MB grade
Manufacturer Proteogenixx, Pearl Business Park, Netaji Subhash Palace, New Delhi
110035, India
Manufacturing Date 25-03-2025
Expiry Date 25-03-2030

Product Number : PX-BF-401
Batch Number : PBF4012502
CAS Number : 1132-61-2
Chemical Name : 3-(N-Morpholino) propanesulfonic acid
Chemical Formula : $C_7H_{15}NO_4S$
Mol. Wt. : 209.26 g/mol

Quality Control Assessment

Parameter	Property	QC Result
Appearance (Color)	White	Pass
Appearance (Form)	Crystals	Pass
Melting Point	168°C – 172°C	170 °C
pH range	2.5 – 4.0	3.2
DNases	None Detected	Pass
RNases	None Detected	Pass
Protease	None Detected	Pass
Water (K.F.)	$\leq 0.1 \%$	$\leq 0.04 \%$
Titration (NaOH)	99.5%	Pass
Metal Trace Analysis (ICP)	Corresponds to Requirements	
Aluminium	$\leq 0.0005 \%$	$\leq 0.0005 \%$
Barium	$\leq 0.0005 \%$	$\leq 0.0005 \%$
Bismuth	$\leq 0.0005 \%$	$\leq 0.0005 \%$
Calcium	$\leq 0.001 \%$	$\leq 0.001 \%$

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Parameter	Property	QC Result
Cadmium	$\leq 0.0005 \%$	$\leq 0.0005 \%$
Cobalt	$\leq 0.0005 \%$	$\leq 0.0005 \%$
Chromium	$\leq 0.0005 \%$	$\leq 0.0005 \%$
Copper	$\leq 0.0005 \%$	$\leq 0.0005 \%$
Iron	$\leq 0.0005 \%$	$\leq 0.0005 \%$
Potassium	$\leq 0.005 \%$	$\leq 0.005 \%$
Lithium	$\leq 0.0005 \%$	$\leq 0.0005 \%$
Magnesium	$\leq 0.0005 \%$	$\leq 0.0005 \%$
Manganese	$\leq 0.0005 \%$	$\leq 0.0005 \%$
Molybdenum	$\leq 0.0005 \%$	$\leq 0.0005 \%$
Sodium	$\leq 0.005 \%$	$\leq 0.005 \%$
Nickle	$\leq 0.0005 \%$	$\leq 0.0005 \%$
Lead	$\leq 0.0005 \%$	$\leq 0.0005 \%$
Zinc	$\leq 0.0005 \%$	$\leq 0.0005 \%$
UV Absorbance at 260nm	≤ 0.020	0.005
UV Absorbance at 280nm	≤ 0.015	0.007

Storage Recommendations

Store at Room Temperature.

Test Conducted by Dr. Megha Kaushik

Testing Date 10-03-2025

Authorized Signature



Dr. Megha Kaushik
Chief Scientific Officer

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Disclaimer: This certificate certifies that the product meets the outlined specifications. We are committed to ensure that our products meet the highest quality standards, and we stand behind the efficacy and reliability of our offerings. If you have any questions or require further information, please reach out at technical services. Actual results may differ based on experimental techniques and sample types. Users should perform their own validations tailored to their specific use case.