

CERTIFICATE OF ANALYSIS

Thermo Fisher Scientific's Quality System has been found to conform to Quality Management System Standard ISO9001:2015 by Intertek Global Certificate Number. CERT-0120633

Catalogue Number	J19256
Lot Number	250529
Description	MOPS, ULTRAPURE
CAS Number	1132-61-2
Quality Test/Release Date	13/Aug/2025
Suggested retest date	25/Apr/2029
Country of Origin	China
Declaration of Origin	Organic - Non Animal and Synthetic
BSE/TSE	BSE/TSE free.

Result Name	Units	Specifications	Test Value
APPEARANCE		REPORT	White crystalline powder
ABSORBANCE 1M SOL AT 250NM		<= 0.1	<0.1
ASSAY	%	>= 98.5	100.14
CHLORIDE	%	<= 0.01	<0.01
IDENTIFICATION, I.R.	Matches Reference	= MATCHES REFERENCE	MATCHES REFERENCE
IGNITION RESIDUE	%	<= 0.1	<0.1
IRON (Fe)	ppm	<= 5	0.5
LEAD (Pb)	ppm	<= 10	5
LOSS ON DRYING	%	<= 0.5	0.24
PKA AT 25 DEGREES C		Inclusive Between 7.05 - 7.35	7.19
SULFATE (SO4)	%	<= 0.02	<0.02



Harout Sahagian
QC Manager

Products are processed under ISO 9001:2015 quality management systems and samples are tested for conformance to the noted specifications. Certain data may have been supplied by third parties. We disclaim the implied warranties of merchantability and fitness for a particular purpose, and the accuracy of third-party data or information associated with the product. Products are for research use or further manufacturing. Products are not for direct administration to humans or animals. It is the responsibility of the final formulator or end user to determine suitability, and to qualify and/or validate each product for its intended use.

Note: The data listed is valid for all package sizes of this lot of this product, expressed as an extension of the catalogue number listed above.