

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	S379
Lot Number	246260
Description	SODIUM PHOSPHATE DIBASIC ANHYDROUS USP/FCC/EP
CAS Number	7558-79-4
Quality Test/Release Date	31/Jul/2025
Suggested retest date	30/Jun/2027
Country of Origin	United States
Declaration of Origin	Inorganic
BSE/TSE	No animal products are used as starting raw material ingredients, or used in processing, including lubricants, processing aids, or any other material that might migrate to the finished product.

Result Name	Units	Specifications	Test Value
APPEARANCE		REPORT	White granules
EP Grade - APPEARANCE OF SOLUTION	CLEAR AND COLORLESS	IN CLEAR AND COLORLESS	CLEAR AND COLORLESS
EP Grade - ASSAY	%	Inclusive Between 98.0 - 101.0	99.9
EP Grade - CHLORIDES	ppm	<= 200	<200
EP Grade - EPSOLUBILITY	PASS/FAIL	IN PASS TEST	PASS TEST
EP Grade - IDENTIFICATION (ALL LISTED)	PASS/FAIL	IN PASS TEST	PASS TEST
EP Grade - IRON	ppm	<= 20	<20
EP Grade - LOSS ON DRYING PER EP	%	<= 1.0	1.0
EP Grade - MONOSODIUM PHOSPHATE	%	<= 2.5	<2.5
EP Grade - REDUCING SUBSTANCES	PASS/FAIL	IN PASS TEST	PASS TEST
EP Grade - SULFATES	ppm	<= 500	<500
FCC Grade - ARSENIC	MG/KG	<= 3	<3
FCC Grade - ASSAY	%	>= 98.0	100.0
FCC Grade - FLUORIDES	%	<= 0.005	<0.005
FCC Grade - IDENTIFICATION (ALL LISTED)	PASS/FAIL	IN PASS TEST	PASS TEST
FCC Grade - INSOLUBLE SUBSTANCES	%	<= 0.2	<0.2
FCC Grade - LEAD (Pb)	MG/KG	<= 4	<4
FCC Grade - LOSS ON DRYING PER FCC	%	<= 5.0	<5.0
FCC Grade - PYROPHOSPHATE	%	<= 2.0	<2.0
USP Grade - ARSENIC	ppm	<= 16	<16
USP Grade - ASSAY	%	Inclusive Between 98.0 - 100.5	100.0
USP Grade - CHLORIDE	%	<= 0.06	<0.06
USP Grade - IDENTIFICATION (ALL LISTED)	PASS/FAIL	IN PASS TEST	PASS TEST
USP Grade - INSOLUBLE SUBSTANCES	%	<= 0.4	<0.4
USP Grade - LOSS ON DRYING @ 130 C	%	<= 5.0	<5.0
USP Grade - RESIDUAL SOLVENTS	PASS/FAIL	IN PASS TEST	PASS TEST
USP Grade - SULFATE (SO4)	%	<= 0.2	<0.2



Harout Sahagian
QC Manager

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.

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.

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