

## 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	P386
Lot Number	254489
Description	POTASSIUM PHOSPHATE MONOBASIC NF/FCC/EP/BP
CAS Number	7778-77-0
Quality Test/Release Date	08/Aug/2025
Suggested retest date	31/Jul/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	Small, colorless to white crystals.
FCC Grade - ARSENIC	MG/KG	<= 3	<3
FCC Grade - ASSAY	%	>= 98.0	99.1
FCC Grade - FLUORIDES	MG/KG	<= 10	<10
FCC Grade - IDENTIFICATION (ALL LISTED)	PASS/FAIL	= PASS TEST	PASS TEST
FCC Grade - INSOLUBLE SUBSTANCES	%	<= 0.2	<0.2
FCC Grade - LEAD (Pb)	MG/KG	<= 2	<2
FCC Grade - LOSS ON DRYING PER FCC	%	<= 1.0	<1
N/A - APPEARANCE OF SOLUTION (EP/BP)	CLEAR AND COLORLESS	= CLEAR AND COLORLESS	CLEAR AND COLORLESS
N/A - ARSENIC (EP/BP)	ppm	<= 2	<2
N/A - ASSAY (Dried Basis) (EP/BP)	%	Inclusive Between 98.0 - 100.5	99.5
N/A - CHLORIDES (EP/BP)	ppm	<= 200	<200
N/A - EPSOLUBILITY (EP/BP)	PASS/FAIL	= PASS TEST	PASS TEST
N/A - IDENTIFICATION (ALL LISTED) (EP/BP)	PASS/FAIL	= PASS TEST	PASS TEST
N/A - IRON (EP/BP)	ppm	<= 10	<10
N/A - LOSS ON DRYING PER EP/BP	%	<= 2.0	<2.0
N/A - PH OF 5.0 % SOLN. AT 25 DEG C (EP/BP)		Inclusive Between 4.2 - 4.5	4.4
N/A - REDUCING SUBSTANCES (EP/BP)	PASS/FAIL	= PASS TEST	PASS TEST
N/A - SODIUM (EP/BP)	%	<= 0.1	<0.1
N/A - SULFATES (EP/BP)	ppm	<= 300	<300
NF Grade - ARSENIC	µg/g	<= 3	<3
NF Grade - ASSAY	%	Inclusive Between 98.0 - 100.5	99.2
NF Grade - FLUORIDES	µg/g	<= 10	<10
NF Grade - IDENTIFICATION (ALL LISTED)	PASS/FAIL	= PASS TEST	PASS TEST
NF Grade - INSOLUBLE SUBSTANCES	%	<= 0.2	<0.2
NF Grade - LEAD	µg/g	<= 5	<5
NF Grade - LOSS ON DRYING	%	<= 1.0	<1
NF Grade - RESIDUAL SOLVENTS	PASS/FAIL	= PASS TEST	PASS TEST

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.

Additional Information No additives, preservatives, bacteria, GMO, melamine, pesticides, fluorocarbons, allergens, or gluten are used in the manufacturing of this product.



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.

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