

# 502813

# H2795

## Certificate of Analysis

1 Reagent Lane  
 Fair Lawn, NJ 07410  
 201.796.7100 tel  
 201.796.1329 fax

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

This is to certify that units of the lot number below were tested and found to comply with the specifications of the grade listed. Certain data have been supplied by third parties. Thermo Fisher Scientific expressly disclaims all warranties, expressed or implied, including the implied warranties of merchantability and fitness for a particular purpose. Products are for research use or further manufacturing. Not for direct administration to humans or animals. It is the responsibility of the final formulator and end user to determine suitability based upon the intended use of the end product. Products are tested to meet the analytical requirements of the noted grade. The following information is the actual analytical results obtained.

Catalog Number	A147	Quality Test / Release Date	07/02/2024
Lot Number	241904	Expiration Date	Apr/2026
Description	HYDROFLUORIC ACID, CERTIFIED ACS		
Country of Origin	United States		

N/A			
Result Name	Units	Specifications	Test Value
APPEARANCE		REPORT	Clear, colorless liquid
ARSENIC (As)	ppm	<= 0.05	<0.001
ASSAY	w/w %	Inclusive Between 48.0 - 51.0	49.2
CHLORIDE	ppm	<= 5	0.08
COPPER (Cu)	ppm	<= 0.1	<0.001
FLUOSILICIC ACID	%	<= 0.01	0.0005
HEAVY METALS (as Pb)	ppm	<= 0.5	<0.01
IDENTIFICATION			PASS TEST
IRON (Fe)	ppm	<= 1	<0.001
LEAD (Pb)	ppm	<= 0.5	<0.001
PHOSPHATE (PO4)	ppm	<= 1	<0.05
RESIDUE AFTER IGNITION	ppm	<= 5	<1
SO4 & SO3 AS SO4	ppm	<= 5	<0.05



Kalyan Paruchuri - Quality Control Supervisor - Bridgewater

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

If there are any questions with this certificate, please call at (800) 227-6701.

\*Based on suggested storage condition.