



Certificate of Analysis

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ThermoFisher Scientific's Quality System has been found to conform to Quality Management System
Standard ISO9001:2008 standard by SAI Global Certificate Number CERT - 0090918

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. ThermoFisher Scientific expressly disclaims all warranties, expressed or implied, including the implied warranties of merchantability and fitness for a particular purpose. Certain products (USP/FCC/NF/EP/BP/JP grades) are sold for use in food, drug, or medical device manufacturing. ThermoFisher does not maintain DMF's with the FDA. The following are the actual analytical results obtained:

Catalog Number	J11055	Quality Test / Release Date	11/01/2017
Lot Number	176119A		
Description	4-AMINOBENZOIC ACID (PABA)		
Country of Origin	China	Suggested Retest Date	Oct/2022
Chemical Origin			
BSE/TSE Comment	NO MATERIALS OF ANIMAL ORIGIN WERE USED DURING THE MANUFACTURING OR PROCESSING OF THIS PRODUCT.		
Chemical Comment			

Result Name	Units	Specifications	Test Value
APPEARANCE		REPORT	White to off-white crystalline powder
IDENTIFICATION, I.R.	PASS/FAIL	= PASS TEST	PASS TEST
IGNITION RESIDUE	%	<= 0.1	<0.1
LOSS ON DRYING	%	<= 0.2	0.17
HEAVY METALS (as Pb)	ppm	<= 20	<20
ASSAY (DRY BASIS)	%	Inclusive Between 98.0 - 102.0	99.73
LIMIT OF ANILINE	ppm	<= 10	<10
LIMIT OF P-TOLUIDINE	ppm	<= 10	<10
IDENTIFICATION B	PASS/FAIL	= PASS TEST	PASS TEST
ORGANIC IMPURITIES	PASS/FAIL	= PASS TEST	PASS TEST

Jerisa Bailey-Wyche

Quality Assurance Specialist - Certificate of Analysis Fair Lawn

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.