



Specification

Concerning Product:	
Article number	150130MU
Trade name / designation / denomination	4-Aminobenzoic acid, USP
CAS number	150-13-0
Other names / synonyms	•2-Aminobenzoic acid; Anthranilic acid; •2-aminobenzoic acid; •4-Aminobenzoic Acid; •4-Aminobenzoic acid; •4-aminobenzoic acid; •ANTHRANILIC ACID; •Aminobenzoic Acid, USP; •Anthranilic Acid; •Anthranilic Acid, Reagent; •Anthranilic acid;
EC number	205-753-0
Customs tariff number / CN code / TARIC	29224985
Molecular weight [g / mol]	137,14
Formula	C7H7NO2
Do not breathe dust/fume/gas/mist/vapours/spray.	

Parameter	Test Method	Specification	Unit
Physical parameter			
Loss on drying		≤ 0,2	%
Identity			
Assay		98,0 – 102,0	%
Identification	HPLC	RETENTION TIME MATCHES STANDARD	
Identification	FTIR	SPECTRUM MATCHES reference	
Impurities			
Residue on ignition		≤ 0,1	%
Impurity		4-NITROBENZOIC ACID ≤ 0,2	%
Impurity		ANY INDIVIDUAL, UNSPECIFIED IMPURITY ≤ 0,1	%
Impurity		BENZOCAINE ≤ 0,2	%

Residual Solvents			
Residual solvents		AS REPORTED	
Elemental Impurities			
Arsenic (As)		AS REPORTED	
Lead (Pb)		AS REPORTED	
Organic volatile impurities			
Org. volat. Imp. Total		≤ 0,5	%

Regulatory information:

Elemental Impurities: Anilin ≤ 10 ppm

p-TOLUIDINE ≤ 10 ppm

Supplemental information:

Complies with monographie: USP

Chemische Werke Hommel GmbH & Co.KG

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Waltrop, 20. Oct. 2020

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