



Specification

Concerning Product:	
Article number	94097BCP
Trade name / designation / denomination	Benzocain
CAS number	94-09-7
Other names / synonyms	•Ethyl 4-aminobenzoate; •benzocaine;
EC number	202-303-5 202-303-5
Customs tariff number / CN code / TARIC	29224985
Molecular weight [g / mol]	165.19
Formula	C9H11NO2
Warning	
May cause an allergic skin reaction. Wear protective gloves/protective clothing/eye protection/face protection. Wash with plenty of soap and water.	

Parameter	Test Method	Specification	Unit
Organoleptic test			
Appearance		white or almost white crystalline powder or colorless crystals	
Physical parameter			
Loss on drying	EP2.2.32	≤ 0,5	%
Solubility		very slightly soluble in water, freely soluble in ethanol (96%)	
Identity			
Assay	EP2.5.8	on dry basis 99,0 – 101,0	%
Identification	EP2.2.24	IR should comply with the standard spectrum	
Impurities			
Sulphated ash	EP2.4.14	≤ 0,1	%
Related substances	EP2.2.29	any unspecified impurity ≤ 0,1	%
Related substances	EP2.2.29	total impurities: ≤ 0,2	%
Microbiological data			
Aerobic microorganisms	CPh2020	≤ 10 ³	CFU/g
Escherichia Coli.	CPh2020	Negative	CFU/g
Pseudomonas aeruginosa	CPh2020	Negative	
Staphylococcus Aureus	CPh2020	Negative	
Yeast and Mould	CPh2020	≤ 10 ²	CFU/g
Particle size distribution			
Particles		40 mesh: ≤ 90	%
Particles		20 mesh: ≥ 90	%

Supplemental information:

Shelf life: 36 month

Complies with monograph: EP 10

Regional origin: CN

Chemische Werke Hommel GmbH & Co.KG

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Waltrop, 01. Dec. 2021

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