



Specification

Concerning Product:	
Article number	532321RBEUL
Trade name / designation / denomination	Natriumbenzoat, E 211
CAS number	532-32-1
Other names / synonyms	•sodium benzoate;
EC number	208-534-8
Customs tariff number / CN code / TARIC	29163100
Molecular weight [g / mol]	144,11
Formula	C7H5NaO2

Parameter	Specification	Unit
Organoleptic test		
Appearance of solution	clear	
Appearance of solution	colour Y6	
Colour	white	
Physical parameter		
Acidity/Alkalinity	≤ 0,2	ML
Form	crystalline powder or prills	
Loss on drying	≤ 1,5	%
Solubility	freely soluble in water, moderately soluble in ethanol	
Identity		
Assay	99,0 – 100,5	%
Assay	Anteil Benzoate: entspricht	
Assay	Anteil Natrium: entspricht	
Identification	Positiv	
Melting Point (identity)	for benzoic acid 121,5 – 123,5	°C
Impurities		
Heavy Metals (as Pb)	≤ 10	ppm
Readily carbonizable substances	complies	

Impurity	Chlorinated organic compounds $\leq 0,06$	%
Impurity	Ionised chlorine ≤ 200	ppm
Impurity	Mono chlorobenzoic acid $\leq 0,25$	%
Impurity	Polycyclic acids: complies	
Impurity	Total chlorine ≤ 300	ppm
Elemental Impurities		
Arsenic (As)	≤ 3	ppm
Mercury (Hg)	≤ 1	ppm
Lead (Pb)	≤ 2	ppm

Supplemental information:

Shelf life: 2 years since production

Storage conditions: Store in well-sealed containers in a dry place at room temperature.

Complies with monographie: E211 (EU No. 231/2012), BP2013, EP8.0, USP38, NF33, FCC9

Packing: FFS bags (prills) or paper bags with PE insert (powder) à 25 kg net

Regional origin: CN

Chemische Werke Hommel GmbH & Co.KG

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Waltrop, 16. Mar. 2023

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