



Specification

Concerning Product:	
Article number	532321EL
Trade name / designation / denomination	Natriumbenzoat, E211
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	white almost odourless, crystalline powder, granular	
Colour	and Transparency: Passed test	
Physical parameter		
Acidity/Alkalinity	Passes test	
Loss on drying	≤ 1,5	%
Identity		
Assay	≥ 99	%
Melting Point (identity)	for benzoic acid C: 121,5 – 123,5	°C
Impurities		
Heavy Metals (as Pb)	≤ 0,001	%
Readily oxidizable substances	passes test	
Impurity	Polycyclic acids: Passed test	%
Elemental Impurities		
Arsenic (As)	≤ 3	mg/kg
Chlorides (Cl)	≤ 0,02	%
Chlorides (Cl)	Total content ≤ 0,03	%
Mercury (Hg)	≤ 1	mg/kg
Lead (Pb)	≤ 2	mg/kg

Chemische Werke Hommel GmbH & Co.KG

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Waltrop, 13. Dec. 2019

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