

Specification

Technical Data Sheet

Product Name	Sodium benzoate
Product No	24454612
CAS Number	532-32-1
Storage Temperature	Ambient
Molecular Weight	144.10
	Specification
Appearance	White grains, dust free no odour
Acidity (mg NaOH/g)	≤ 0.40
Alkalinity (mg HCl/g)	≤ 0.37
Assay on dried product (%m/m)	$\geq 99.9\%$
Chloride as Cl (mg/kg)	≤ 50
Colour, 10% m/m solution in water (APHA)	$\leq 1.0\%$

Specification

Halogenated Compounds, as Cl- (mg/kg)	≤25
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Insoluble Matter	Passes test
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Loss on drying (%m/m)	≤1.0%
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Organic Volatile Impurities	Passes test
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Oxidizable substances (ml 0.02 mol KMnO₄/g)	≤0.1
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Phenol (mg/kg)	≤2%
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Phthalic acid (mg/kg)	≤50
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Polycyclic acids	Passes test
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Sulphate, as SO₄²⁻ (mg/kg)	≤50
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Total Chlorine, as Cl- (mg/kg)	≤75
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Turbidity (of a 10% (m/m) solution in water) (NTU)	≤0.5
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Heavy metals (mg/kg)	≤10
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Iron (mg/kg)	≤1
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Mercury, mg/kg	≤0.1
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