

PuroxB Food/Pharma

Ultra pure grade benzoic acid

CAS no: 65-85-0

C₇H₆O₂

EINECS no: 200-618-2

Characteristic	Spec range	Unit	Method
Product specification			
Assay *	99.98 min	% (m/m)	DSM SPR AM 001+002
Color (molten product)	25 max	APHA	DSM SPR AM 004
Solidification point	121.5 – 122.5	°C	DSM SPR AM 013
Assay * = 100% - total organic impurities			

REACH Pre-registration number: 05-2114478601-47-0000

Additional product information

Water (Karl Fisher)	0.1 max	% (m/m)	DSM SPR AM 003
Phthalic acid	50 max	mg/kg	DSM SPR AM 002
Heavy metals	10 max	mg/kg	DSM SPR AM 005
Iron	1 max	mg/kg	DSM SPR AM 005
Phenol	2 max	mg/kg	DSM SPR AM 006
Chloride, as Cl ⁻ (1)	10 max	mg/kg	DSM SPR AM 007
Halogenated compounds, as Cl ⁻ (2)	10 max	mg/kg	DSM SPR AM 008
Total chlorine, as Cl ⁻	10 max	mg/kg	sum ¹⁾ + ²⁾
Sulphated ash	0.01 max	% (m/m)	DSM SPR AM 011
Oxidizable substances	0.2 max	ml 0.02 mol KMnO ₄ /g	DSM SPR AM 009
Residu on ignition	0.05 max	% (m/m)	DSM SPR AM 011
Carbonizable substances	Q max	Matching fluid	DSM SPR AM 010
Turbidity (of a 20% (m/m) solution in ethyl alcohol)	4.0 max	NTU	DSM SPR AM 012

Purox B food/pharma, ultra pure grade benzoic acid contains < 1 mg/kg: Ag, As, Bi, Cd, Co, Cr, Cu, Hg, Mn, Ni, Pb, Sb, Sn, Zn.

This material meets the requirements of FCC 5th ed., USP 31/NF 26, Ph.Eur. 6th ed. JP XIV '01, E210.

This material is certified Kosher and Kosher for pass-over © and certified Halal (M)

Appearance	White flakes
Odor	Slightly characteristic
Packaging	Polyethylene sealed bags: 25 kg net, 55 bags/ pallet. Big bag: 500 kg net, 1 bag/ pallet On heat treated pallets
Shelf life	2 years

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