

PuroxB Food/Pharma

Ultra pure grade benzoic acid
C₇H₆O₂

CAS no: 65-85-0
EINECS no: 200-618-2

PRODUCT SPECIFICATION

Characteristic	Spec range	Unit	Method
Assay*	99.98 min	% (m/m)	DSM SPR AM 001+002
Water (Karl Fisher)	0.1 max	% (m/m)	DSM SPR AM 003
Color (molten product)	25 max	APHA	DSM SPR AM 004
Phthalic acid	50 max	mg/kg	DSM SPR AM 002
Biphenyls	50 max	mg/kg	DSM SPR AM 001
Heavy metals	10 max	mg/kg	DSM SPR AM 005
Arsenic	2 max	mg/kg	DSM SPR AM 005
Lead	5 max	mg/kg	DSM SPR AM 005
Mercury	1 max	mg/kg	DSM SPR AM 005
Manganese	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 0.1N 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
Solidification point	121.5 – 122.5	°C	DSM SPR AM 013

*Assay = 100% - total organic impurities

Additional product information

This material meets the requirements of EP'02 4th ed., USP 25 / NF 20, FCC 4th ed., JP XIV '01, E210

This material is certified Kosher and Kosher for pass-over .

Appearance	White flakes
Odor	Slightly characteristic
Packaging	Polyethylene sealed bags: 25 kg net, 50 bags/ pallet. Big bag: 500 kg net, 1 bag/ pallet

Issue date: 31-12-2002

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