

PuroXS grains

Pure grade sodium benzoate
 $C_6H_5CO_2Na$

CAS no: 532-32-1
 EINECS no: 208-534-8

Characteristic	Spec range	Unit	Method
Assay (on dried product)*	99.9 min	% (m/m)	DSM SPR AM 001+002
Loss on drying	1.0 max	% (m/m)	DSM SPR AM 015
Color (10% (m/m) solution in water)	10 max	APHA	DSM SPR AM 016
Acidity	0.40 max	mg NaOH/g	DSM SPR AM 017
Alkalinity	0.37 max	mg HCl/g	DSM SPR AM 017
Phenol	2 max	mg/kg	DSM SPR AM 006
Insoluble matter	to pass test		DSM SPR AM 018
Taste and odor	no off taste or odor		DSM SPR AM 019

* Assay = 100% - total organic impurities

Additional product information

Characteristic	Typical value	Unit	Method
Heavy metals	< 10	mg/kg	DSM SPR AM 005
Iron	< 1	mg/kg	DSM SPR AM 005
Sulphate, as SO_4^{2-}	< 50	mg/kg	DSM SPR AM 021
Chloride, as Cl^- ⁽¹⁾	< 25	mg/kg	DSM SPR AM 022
Halogenated compounds, as Cl^- ⁽²⁾	< 50	mg/kg	DSM SPR AM 023
Total chlorine, as Cl^-	< 75	mg/kg	(sum 1+2)
Turbidity (of a 10% (m/m) solution in water)	< 2.0	NTU	DSM SPR AM 024
Oxidizable substances	< 0.5	ml 0.02 mol/l KMnO ₄ /g	DSM SPR AM 009
Organic volatile impurities	to pass test		DSM SPR AM 025
Polycyclic acids	to pass test		DSM SPR AM 026
Sodium phthalate	< 0.005	% (m/m)	DSM SPR AM 002

Purox S grains, pure grade sodium benzoate contains < 1 mg/kg: Ag, As, Bi, Cd, Co, Cr, Cu, Hg, Mn, Ni, Pb, Sb, Sn, Zn

This material meets the requirements of FCC5th ed., USP28/NF23, EP'05, BP'04, JPXIV'01, E211.

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



Issue date: 09-03-2005

Address:

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Appearance	White grains, dust free
Bulk density	Min. 600 kg/m ³
Density	1440 kg/m ³
Solubility (in water)	560 kg/m ³ (20 °C)
Degradation point	410 - 430 °C
Packaging	Polyethylene sealed bags, 25 kg net, 55 bags/ pallet Big bag: 650 and 1000 kg net, 1 bag/ pallet On heat treated pallets.
Pallet information	25 kg bags: 122X101 cm 650 kg bags: 120X114 cm 1000 kg bags: 120X114 cm
Storage	Store cool and dry; product is slightly hygroscopic
Shelf life	3 years



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