

Material no.: 23008
Vendor no.: 1003552
Approved by.: DV
Dorte Vinding

Tianjin Dongda Chemical Group Co.,Ltd

No.728 Kaiwei Road, Binhai New Area, Tianjin, China

Tel: 0086-22-25386522 Fax: 0086-22-25385362

SPECIFICATION

Date: July 5, 2022

Version: 2022002

Name of product: sodium benzoate

Shelf life: two years

CAS No.: 532-32-1

Einecs number: 208-534-8

Formula: C₇H₅O₂Na

Molecular Weight: 144.11

Item \ Standard	E211	BP2015	EP8.0	USP38	FCC9
Description	White almost odorless powder, prill, extruded form				
Odor	Almost odorless				
Na	Passed test				
Benzoate	Passed test				
Solubility	Freely soluble in water, sparingly soluble in ethanol				
Assay %	>99.0	99.0-100.5	99.0-100.5	99.0-100.5	99.0-101
Loss on drying% ≤	1.5	2.0	2.0	1.5	1.5
Acidity or alkalinity	Passed test	Passed test	Passed test	Passed test	Passed test
Heavy metals% ≤	0.001	0.001	0.001	0.001	-----
Chloride ppm ≤	200	200	200	-----	-----
Total Cl Content ppm ≤	300	300	300	-----	-----
As mg/kg ≤	3	-----	-----	-----	-----
Lead mg/kg ≤	2	-----	-----	-----	2
Mercury mg/kg ≤	1	-----	-----	-----	-----
Transparency and color	-----	Passed test	Passed test	-----	-----
Readily oxidisable substances	Passed test	-----	-----	-----	-----
Polycyclic acids	Passed test	-----	-----	-----	-----
Melting range ° C	121.5 - 123.5	121.5-123.5	121.5 - 123.5	121.5-123.5	121.5-123.5
Chlorinated organic compounds					
As Chloride ≤	0.06%	-----	-----	-----	-----
As Monochlorobenzoic acid ≤	0.25%	-----	-----	-----	-----
Particle size	Powder: 75% passed 40-80 mesh Prill: Diameter 1.5-2mm little ball Extruded form: Diameter 1.3-1.5mm, length 4-6mm				
storage conditions	Shady, cool and dry place				

天津东大化工集团有限公司

TIANJIN DONGDA CHEMICAL GROUP CO.,LTD.