

Sodium Benzoate

CAS No.	EINECS No.	UN No.	Molecular Formula / Product Type
532-32-1	208-534-8	Not assigned in stated reference	C7H5NaO2; 144.11 g/mol

Product Description

Sodium benzoate is the sodium salt of benzoic acid. The selected powder profile specifies at least 99% assay on the dried basis, loss on drying and trace-impurity limits. This selected profile uses the supplied $\geq 99\%$ dried-basis assay and $\leq 2\%$ loss-on-drying limits. Historical monograph names are not current certification claims; agree any additional required limits.

Specifications

Parameter	Specification
Appearance	White crystalline powder
Assay, dried basis	$\geq 99\%$
Loss on drying	$\leq 2\%$
Total chloride	$\leq 0.03\%$
Lead	$\leq 0.001\%$

Applications

- Qualified preservative formulations: Evaluate the documented grade in legally permitted aqueous preservative systems.
- Industrial formulations: Assess dissolution and compatibility in qualified industrial formulation routes.
- Specification qualification: Compare dry-basis assay and the required trace-impurity limits against the applicable current standard.

Packaging and Storage

Packaging	25 kg lined woven bags.
Storage	Keep tightly closed in a cool, dry, ventilated place. Protect against moisture and contamination; keep away from incompatible materials. Avoid strong oxidizers and acids.

Safety and Regulatory

Professional-use technical information. Review the corresponding reference SDS, workplace controls and destination-market requirements. Transport entries apply to the reference identity, form and concentration. Select the qualified grade and agreed monograph for regulated food, personal-care or pharmaceutical uses. The listed assay and limits do not by themselves establish all destination approvals or pharmacopoeial certification.

Company Contact

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The information is provided in good faith for professional evaluation. Specifications apply to the stated commercial grade; users must confirm suitability, regulatory compliance and safe handling for their intended application.