



CERTIFICATE OF ANALYSIS

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1. Identification

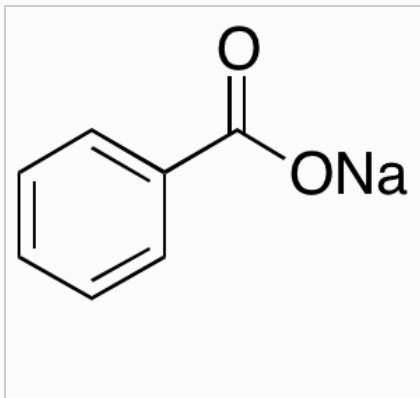
Catalogue Number: S614000

CAS Number: 532-32-1

Product: Sodium Benzoate

Synonym: Antimol; Benzoate of Soda; E 211; E 221; E 221 (nucleating agent); Fuminaru; Purox S; Sobenate

Structure:



Molecular Formula:

C₇H₅NaO₂

Molecular weight:

144.1

Source of Product:

N/A

Solubility:

DMSO (Slightly, Sonicated),
Methanol (Slightly), Water
(Slightly)

Lot Number: 12-QIU-67-1

Purity: 98%

Shipping Condition: This Product Is Stable To Be
Shipped At Room Temperature

Storage Condition: 20°C

2. Warning

Warning 1:

Warning 2:

Warning 3:

3. Analytical Information

Tests:	Specifications:	Results:
Appearance	White to Off-White Solid	White Solid
NMR	Conforms to Structure	Conforms
Elemental Analysis	Conforms	%C: 57.97, %H: 3.65
MS	Conforms to Structure	Conforms
Sodium Content	Report Result	15.65% by Ion Chromatography
HPLC Purity	Report Result	99.93% (230 nm)

Additional Information: N/A

Purity is based on the analytical results of the tests performed. NMR and Elemental Analysis (if available) may have an accuracy of $\pm 2\%$. Isotopic purity is based on mass distribution observed. The contents of the specifications are subject to change without advance notice, and the specification values displayed here are the most up to date values.

4. Signatures

Reviewed By	Reviewed By	C of A Approved By	Test Date	Retest Date
Evan Burns	Toni Rantanen	Chanell Chu	10/7/2021	10/5/2025