

## CERTIFICATE OF ANALYSIS

**PRODUCT NAME : SODIUM BENZOATE**  
(Confirming to IP)

CAS No	: 532-32-1	Product code	: 18120
Mol. Formula	: C <sub>6</sub> H <sub>5</sub> COONa	Batch No	: MCR-30142
Mol. WT	: 144.11	Mfd.	: Jan. 2024
Date of analysis	: 10/01/24	Exp.	: Dec. 2028

S.R	Test	Specification	Observation
1	<b>Description</b>	White crystalline powder, granules, flakes or powder.	White powder.
2	<b>Assay (On dried basis)</b>	99.0-100.5%w/w	99.60%w/w
3	<b>Identification</b>	Passes test	Passes test
4	<b>Appearance of solution</b>	Passes test	Passes test
5	<b>Alkalinity / acidity</b>	0.2 ml max of 0.1M HCl or 0.1M NaOH	0.1 ml of 0.1M NaOH
6	<b>Chloride (Cl)</b>	0.02% max	< 0.02%
7	<b>Arsenic (As)</b>	0.0002% max	<0.0002%
8	<b>Loss on drying (105<sup>o</sup>C)</b>	1.5 % max	0.76 %
9	<b>Heavy metals</b>	0.001% max	<0.001%
10	<b>Sulphate</b>	0.01% max	<0.01%

**REMARK:** THE PRODUCT COMPLIES WITH THE ABOVE SPECIFICATIONS

**[Tested By]**

**[QC Incharge]**

**CHEMIST**  
**(Sonu)**

**HEAD-QUALITY ASSURANCE**  
**(G.G.Salian)**

**Note:** Computer generated image requires no sign.

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