

CERTIFICATE OF ANALYSIS

PRODUCT NAME : SODIUM BENZOATE
(Confirming to IP)

CAS No	: 532-32-1	Product code	: 18120
Mol. Formula	: C ₆ H ₅ COONa	Batch No	: MCR-32176
Mol. WT	: 144.11	Mfd.	: Oct. 2024
Date of analysis	: 21/10/24	Exp.	: Sept. 2029

S.R	Test	Specification	Observation
1	Description	White crystalline powder, granules, flakes or powder.	White powder
2	Assay (On dried basis)	99.0-100.5%w/w	99.85%w/w
3	Identification	Passes test	Passes test
4	Appearance of solution	Passes test	Passes test
5	Alkalinity / acidity	0.2 ml max of 0.1M HCl or 0.1M NaOH	0.1 ml of 0.1M NaOH
6	Chloride (Cl)	0.02% max	< 0.02%
7	Arsenic (As)	0.0002% max	<0.0002%
8	Loss on drying (105^oC)	1.5 % max	0.81%
9	Heavy metals	0.001% max	<0.001%
10	Sulphate	0.01% max	<0.01%


REMARK: THE PRODUCT COMPLIES WITH THE ABOVE SPECIFICATIONS

[Tested By]



**CHEMIST
(Akash)**

[QC Incharge]



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