

ASES CHEMICAL WORKS

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CERTIFICATE OF ANALYSIS

1. Name of the Product	Sodium Benzoate
2. Alternative Names	Benzoic acid sodium salt, Sobenate
3. CAS Number	532-32-1
4. Formula	C ₆ H ₅ COONa
5. Batch No & Mfg. Date	As mentioned on Label
6. Date Of Exp	3 Years From MFG Date
7. Date of Analysis	June-2024

Sr	Test required	Specification	Observation
1	Description	A White crystalline or granular powder or flakes; odourless or with a faint odour	Complies as IP
2	Identification	A) To a 10% w/v solution add FeCl ₃ test solution a buff-coloured precipitate is formed. Add dil. HCl ; white crystalline precipitate is produced B) Reactions Of sodium salts, Reaction of benzoate	Complies
3	Appearance of solution	A 10% w/v solution in CO ₂ -free water is clear, and not more intensity coloured than reference solution YS6	Complies
4	Acidity or alkalinity	NMT 0.2ml of 0.1M hydrochloric acid or 0.2 ml of 0.1M sodium hydroxide should be required to change the colour of the solution.	0.03 ml
5	Arsenic	NMT 2 ppm.	Complies
6	Heavy metals	NMT 10 ppm (As per IP-2015)	Complies
7	Chlorinated compounds	Filtrate Complies with limit test for chloride	Complies
8	Loss on Drying	NMT 2.0%	1.05%
9	ASSAY (On Dried Basis)	NLT 99% and NMT 100.5%	99.61%