

CERTIFICATE OF ANALYSIS

Product Name	Sodium Benzoate	Specification	Company Standard
CAS No.	532-32-1	Manufacture Date	2024.6.15
Quantity	500KG	Analysis Date	2024.6.21
Batch No.	ES-240615	Expiry Date	2026.6.14
Items	Specifications	Results	
Assay (HPLC)	$\geq 98\%$	99.55%	
Appearance	White crystalline granule or powder	Complies	
Odor	with little benzoin smell	Complies	
Acid and Alkalinity	0.20ml/0.1N	0.20ml/0.1N	
Loss on Drying	$\leq 5.0\%$	1.32%	
pH Value	7.5 - 8.0	7.5	
Fusion Point	121.5 °C - 123.5°C	122.8°C	
Total CL content	≤ 0.03	0.03	
Halogenide%(FeCl ₃)	≤ 0.02	0.02	
Total Heavy Metal	≤ 10 ppm	Complies	
Lead (Pb)	≤ 3.0 ppm	Complies	
Arsenic (As)	≤ 3.0 ppm	Complies	
Cadmium (Cd)	≤ 2.0 ppm	Complies	
Mercury (Hg)	≤ 1.0 ppm	Complies	
Package	25kg/bag.		
Storage	Store in a cool and dry place, keep away from strong light and heat.		
Shelf Life	Two years when properly stored.		
Conclusion	Sample Qualified.		

Analyst: Jiayan Yang

Checked By: Fei Shen

Manager: Xiaoyu Wang

