

CERTIFICATE OF ANALYSIS

Product Name	Benzalkonium Chloride	Specification	Company Standard
Cas No.	63449-41-2	Manufacture Date	2025.1.15
Quantity	100KG	Analysis Date	2025.1.21
Batch No.	BF-250115	Expiry Date	2027.1.14
Items	Specifications		Results
Appearance	Colorless Liquid		Conforms
Assay	≥80.0%		80.2%
Odor	Characteristic		Conforms
Melting Point	-5℃		Conforms
Boiling Point	100℃		Conforms
Density	0.989 g/cm3		Conforms
PH	6-9		Conforms
Total Heavy Metals	≤10.0ppm		Conforms
Pb	≤1.0 ppm		Conforms
As	≤1.0 ppm		Conforms
Cd	≤1.0 ppm		Conforms
Hg	≤0.1 ppm		Conforms
Total Plate Count	≤1000cfu/g		Conforms
Yeast & Mold	≤100cfu/g		Conforms
E.coli	Negative		Negative
Salmonella	Negative		Negative
Staphylococcus	Negative		Negative
Conclusion	This sample meets the specifications.		

Conclusion: Approved

Tested by: Zhang Xiaoxuan

