

CERTIFICATE OF ANALYSIS
Benzocaine Hydrochloride

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ANALYSIS ITEMS	SPECIFICATION	RESULTS	METHOD
Appearance	Very Fine White Crystalline Powder	Conforms	Visual
Identification	IR Should comply with the reference standard	Conforms	IR
	UV should comply with the reference standard	Conforms	UV
	An Orange-Red Precipitate is performed	Conforms	Precipitation
Assay	98%-102%	99.90%	HPLC
Melting Range	>208°C	208.4~208.5°C	USP <741>
Readily Carbonizeable Item	The resolution has no more color than matching fluid A	Conforms	USP <271>
Loss on Drying	NMT 5%	1.50%	USP<731>
Heavy Metals	<10ppm	Conforms	USP <231>
Arsenic	<1ppm	Conforms	ICP/MS
Lead	<1ppm	Conforms	ICP/MS
Microbiology Control			
Total Plate Count	≤1000cfu/g	Conforms	USP <2021>
Mold & Yeast	≤100cfu/g	Conforms	USP <2021>
E.Coli	Negative	Conforms	USP <2022>
Salmonella	Negative	Conforms	USP <2022>

Conclusion: Conforms with USP standards.

* Data based on manufacturer's document



Quality Control

