

Certificate of Analysis

SAMPLE

Product name: Benzocaine powder USP

Lot#: SAMPLE

Manufacture Date: XXXXX

Retest Date: XXXX

CAS#: 94-09-7

Analytical	Results	Specification USP35
Identification		
Proof A	Complies with test	Complies with stand.
Solubility	Complies with test	Very slightly soluble in water, freely soluble in alcohol, in chloroform and in ether. Dissolves n dilute acids.
Chlorides	Complies with test	Complies with test
Heavy Metals	<0.001%	Max. 0.001%
Organic Impurities (% w/w)		
Amino benzoic acid	Not detected	Max. 0.10%
Ethyl 4-nitrobenzoate	Not detected	Max. 0.10%
Any other unspecified impurity	0.06%	Max. 0.10%
Total impurities	0.06%	Max. 1.0%
Loss on drying	0.68%	Max. 1.0%
Residue on Ignition	0.04%	Max. 0.1%
Assay of benzocaine (% w/w dried basis)	100.2%	98.0% to 102.0%
Residual Solvents		
Ethanol	Not detected	Max. 0.5%
Toluene	0.0196%	Max. 0.089%
Result: The product complies with USP		

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