

SPECIFICATION

Product name: Benzocaine USP (free base, powder or crystals)

Lot#: SAMPLE

Manufacture Date: XXXXX

Retest Date: XXXX

CAS#: 94-09-7

Analytical	Specification as per USP 35
Identification	
Proof A	Complies with standard sample
Solubility	Very slightly soluble in water, freely soluble in alcohol, in chloroform and in ether. Dissolves in dilute acids.
Chlorides	Complies with test
Heavy Metals	Max. 0.001%
Organic Impurities (% w/w)	
Amino benzoic acid	Max. 0.10%
Ethyl 4-nitrobenzoate	Max. 0.10%
Any other unspecified impurity	Max. 0.10%
Total impurities	Max. 1.0%
Loss on drying	Max. 1.0%
Residue on Ignition	Max. 0.1%
Assay of benzocaine (% w/w dried basis)	98.0% to 102.0%
Residual Solvents	
Ethanol	Max. 0.5%
Toluene	Max. 0.5%