

Chem-Impex International, Inc.

Tel: (630) 766-2112

E-mail: sales@chemimpex.com

Shipping and Correspondence:

935 Dillon Drive

Wood Dale, IL 60191

Fax: (630) 766-2218

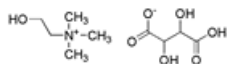
Web site: www.chemimpex.com

Manufacturing site:

825 Dillon Drive

Wood Dale, IL 60191

Product Specifications



Catalogue Number	01439
Product	Choline bitartrate 2-(Hydroxyethyl)trimethylammonium bitartrate
CAS Number	87-67-2
Molecular Formula	C ₉ H ₁₉ NO ₇
Molecular Weight	253.26

Appearance	White crystalline powder
Heavy Metals	≤ 10 ppm
Cation	Arsenic (As) : ≤ 2 ppm Lead (Pb) : ≤ 0.3 ppm
Water Content (Karl Fisher)	≤ 0.5%
pH	3 - 4
Optical Rotation	[α] _D ²⁰ = 17.5 - 18.5 °
Infrared Spectrum	Conforms to structure
Residual Solvents	1,4-Dioxane : ≤ 10 mg/g
Particle Size	100% thru 20 mesh
Related Substances	Total amines : ≤ 10 mg/g Individual impurities : ≤ 0.3% Total impurity : ≤ 2%
Residue On Ignition	≤ 0.1%
Assay (anhydrous basis)	99.0 - 100.5%
Grade	Meets USP specification
Storage	Store at RT
Additional Information	Identification Test for B : To pass test

For Laboratory Use Only