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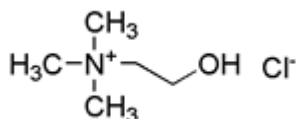
Web site: www.chemimpex.com

Manufacturing site:

825 Dillon Drive

Wood Dale, IL 60191

Product Specifications



Catalogue Number	00453
Product	Choline chloride (2-Hydroxyethyl)trimethylammonium chloride
CAS Number	67-48-1
Molecular Formula	C ₅ H ₁₄ ClNO
Molecular Weight	139.63

Appearance	Colorless or white crystals or crystalline powder
Cation	Lead (Pb) : ≤ 0.3 ppm Arsenic (As) : ≤ 2 ppm
Water Content (Karl Fisher)	≤ 0.5%
pH	4 - 7
Residual Solvents	1,4-Dioxane : ≤ 10 µg/g
Related Substances	Choline related compound A : ≤ 0.1% Any unspecified impurity : ≤ 0.1% Total impurities : ≤ 0.5%
Residue On Ignition	≤ 0.05%
Assay (anhydrous basis)	99.0 - 100.5%
Grade	Meets USP specification
Storage	Store at RT
Additional Information	Identification : Test for A : Infrared spectrum : Conforms to standard Test for B : To pass test Test for C : To pass test Total amines : ≤ 10 µg/g

For Laboratory Use Only