

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

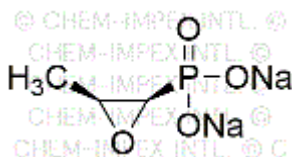
Web site: www.chemimpex.com

Manufacturing site:

825 Dillon Drive

Wood Dale, IL 60191

Product Specifications



Catalogue Number	14301
Product	Fosfomycin disodium salt Phosphomycin disodium salt Disodium (<i>1R,2S</i>)-1,2-epoxypropylphosphonate
CAS Number	26016-99-9
Molecular Formula	C ₃ H ₅ Na ₂ O ₄ P
Molecular Weight	182.02

Warnings	Hygroscopic!
Appearance	White or almost white powder
Appearance of Solution	Solution should be clear and not more intensely colored than reference solution B9
Solubility	Very soluble in water, sparingly soluble in methanol, practically insoluble in ethanol and in methylene chloride
Heavy Metals	≤ 20 ppm
Water Content (Karl Fisher)	≤ 1%
pH	9.0 - 10.5
Optical Rotation	[α] _D ²⁰ = -15 to -13 °
Residual Solvents	Methanol : ≤ 3000 ppm Ethanol : ≤ 5000 ppm Cyclohexane : ≤ 3880 ppm
Related Substances	Impurity A : ≤ 1%
Assay (anhydrous basis)	95 - 101%
Storage	Store at 0 - 8 °C
Additional Information	Identification A, IR : Conforms to structure Identification B : The test solution remains should be colorless and blank is orange Identification C : Blue color should be develop Identification test for sodium : It gives reaction for sodium BET : ≤ 0.083 IU/mg

Product Specifications

Catalog Number: 14301

For Laboratory Use Only