

Chem-Impex International, Inc.

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Certificate of Analysis

Catalogue Number	14301
Lot Number	003439-23-006
Product	Fosfomycin disodium salt Phosphomycin disodium salt
CAS Number	26016-99-9
Molecular Formula	C ₃ H ₅ Na ₂ O ₄ P
Molecular Weight	182.02

Appearance	White powder, Hygroscopic!
Appearance of Solution	Solution S 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 (96%) and in methylene chloride
Heavy Metals	< 20 ppm
Water Content (Karl Fisher)	0.25%
pH	9.97
Optical Rotation	[α] _D ²⁰ = -14.2 °
Infrared Spectrum	Conforms to structure
Residual Solvents	Methanol : 1133 ppm Ethanol : 385 ppm Cyclohexane : 421 ppm
Related Substances	Impurity A : 0.20%
Assay (anhydrous basis)	99.9%
Storage	Store at 0 - 8 °C
Additional Information	Identification : Test for B (By chemical test) : The test solution remains should be colorless and blank is orange Test for C (By chemical test) : Blue color should be develop Test for sodium : It gives reaction for sodium BET : < 0.083 IU/mg

Certificate of Analysis

Catalog Number: 14301

Lot Number: 003439-23-006

Remarks

See material safety data sheet for additional information

For laboratory use only

The foregoing is a copy of the Certificate of Analysis as provided by our supplier

A handwritten signature in black ink, appearing to read 'Bala Kumar', with a stylized flourish at the end.

Bala Kumar
Quality Control Manager