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Certificate of Analysis

Catalogue Number	31865
Lot Number	002724-160403
Product	Fosfomycin trometamol Fosfomycin tromethamine Fosfomycin trometamol salt
CAS Number	78964-85-9
Molecular Formula	C ₇ H ₁₈ NO ₇ P
Molecular Weight	259.19
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Appearance	White or almost white, hygroscopic powder
Heavy Metals	< 10ppm
Anion	Phosphate: < 500ppm
Water Content (Karl Fisher)	0.1%
pH	3.9
Mould and Yeast	< 10cfu/g
Optical Rotation	-12.8°
Infrared Spectrum	Conforms to structure
Residual Solvents	Ethanol : Not detected Methanol : < 800ppm Isopropanol : Not detected
E. Coli	Not detected
Microbial Count	< 10cfu/g (Total aerobic microbial count)
Related Substances	Tromethamine : Nil Fosfomycin tromethamine adduct : 0.1% Tromethamine phosphate : Not detected Fosfomycin open ring : 0.1% Fosfomycin : Nil Fosfomycin dimer tromethamine adduct : < 0.1% Any other individual impurity : < 0.1% Total impurity : 0.3%

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Assay (anhydrous basis) 99.8%

Grade USP

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



Bala Kumar
Quality Control Manager