

Specification

Technical Data Sheet

Product Name	Fosfomycin trometamol
Product No	90028145
CAS Number	78964-85-9
Storage Temperature	2 to 8 °C
Molecular Weight	259.19
	Specification
Appearance	White / off white powder
Heavy metals	≤10ppm
Impurity A	≤0.3%
Impurity B	≤0.3%
Impurity C	≤0.1%
Impurity D	≤0.1%
pH	3.5 - 5.5

Specification

Specific rotation	-13.5° - -12.5°
Total impurity	≤0.5%
Total yeast & mold	≤200cfu/g
Water	≤0.5%
Assay (HPLC)	98% - 102% (anhydrous basis)
Phosphate	≤500ppm
Residual Solvents: Ethanol	≤1000ppm
Residual Solvents: Methanol	≤800ppm
Solubility	Very soluble in water, slightly soluble in ethanol(96%) and in methanol, practically insoluble in acetone.
Total amount of aerobe	≤2000cfu/g
Ecoli	Not detectable
Identification by HPLC	The retention time of the principal peak obtained with the test solution is identical with the reference solution.
Identification IR	In accordance with standard spectra
Unknown individual impurity	≤0.1%