
SPECIFICATION

ZINC GLUCONATE, USP

Code: C4 320
CAS: [4468-02-4]
EINECS: 224-736-9

	Specification	Unit
Appearance	white or almost white, hygroscopic, crystalline powder	/
Solubility	soluble in water, almost insoluble in ethanol and methylene chloride	/
Identification	in conformity with a standard	/
Colour of solution	max. Y6	/
Assay	98,0 - 102,0	%
Water	max. 8,5	%
Cl (Chloride)	max. 500	ppm
Sulphate (SO ₄)	max. 500	ppm
Reducing substances	in conformity with a standard	/
Cd (Cadmium)	max. 1	ppm
Zn (Zinc)	14,07 - 14,64	%
Hg (Mercury)	max. 0,1	ppm
Particle size	80	mesh
Bulk density	0,6 - 0,7	g/ml
Pb (Lead)	max. 2	ppm
pH	5,5 - 7,5	/
As (Arsenic)	max. 1	ppm
Yeast and Moulds	max. 100	cfu/g
<i>E. coli</i> in 1g	absent	/
<i>Salmonella</i> in 25g	absent	/
