

## Specification Sheet

Product Name: **Zinc sulfate monohydrate**  
Specifications & Purity: PharmPure™, USP, Ph.Eur., pharmaceutical grade, GMP  
SKU #: **Z774739**

Parameter	Limit Values
Appearance(Z774739)	White or almost white, crystalline powder, or colourless, transparent crystals
Solubility:very soluble in water, practically insoluble in ethanol (96 per cent)	Pass
Assay(Complexometric EDTA)	99-100.5 (%)
Appearance of solution	Conforms
Acidity	pass
pH-value (5 %; water)	4.0-5.6
Chloride (Cl-)	0-0.03 (%)
Arsenic(As)	0-14 (ppm)
Cadmium(Cd)	0-0.0002 (%)
Chrome(Cr)	0-0.0005 (%)
Mercury(ICP)	0-0.0005 (%)
Nickel(Ni)	0-0.0005 (%)
Iron(Fe)	0-0.01 (%)
Lead(Pb)	0-20 (ppm)
Selenium(Se)	0-0.003 (%)
Titanium(Ti)	0-0.001 (%)
Alkalies and Alkaline Earths	0-0.9 (%)
Residual solvents (ICH Q3C)(excluded by production process)	Pass
Loss on drying(105°C)	0-1 (%)
Identity(sulfates)	Passes test
Identity(zinc)	Passes test