

Specification

Technical Data Sheet

Product Name	Glutathione reduced (Pharma Grade)
Product No	90028965
CAS Number	70-18-8
Storage Temperature	2 to 8 °C
Molecular Weight	307.32
	Specification
Appearance	White crystalline powder
Bacterial endotoxin	≤0.10EU/mg
Grade	EP 7.0
Heavy metals	≤10ppm
Impurity A	≤0.5%
Impurity B	≤0.5%
Impurity C	≤1.5%

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Impurity D	≤1.0%
Loss on Drying	≤0.5%
Ammonium	≤200ppm
Appearance of Solution	Clear and colourless
Assay	98% - 101%
Chlorides	≤200ppm
Iron	≤10ppm
Solubility	Freely soluble in water, slightly soluble in ethanol and methylene chloride
Specific optical rotation	-15.5 to -17.5
Sulfated ash	≤0.1%
Sulphates	≤300ppm
Total Impurities	≤2.5%
Impurity E	≤0.5%