



Technical Data Sheet

L-Glutathion 98% (reduziert) ferm. ex Mais P.
L-Glutathione 98% (reduced) ferm. ex corn P.

PRODUCT INFORMATION

Inspection Standard	USP41 Standard
Origin	China
Carrier	None
Source	Fermented from corn
CAS	70-18-8

ITEM

SPECIFICATION

Assay	98.0% to 101.0%
Appearance*	White Crystalline Powder
Related Substances	
Total	≤2.0%
GSSG	≤1.5%
Identification IR	Similar with the Reference Spectrum
Residue on Ignition	≤0.1%
Loss on Drying	≤0.5%
Optical Rotation	-15.5° ~ -17.5°
Clarity and color of solution	Clear and colourless
Sulphates	≤300 ppm
Ammonium	≤200 ppm
Iron	≤10 ppm

STATEMENTS

Contaminants	According to Reg. (EC) 1881/2006 and amendments
Preservative	Preservative Free
Residual Solvents	According to Dir. (EC) 2009/32 and amendments
Pesticides	According to Reg. (EC) 396/2005 and amendments
Microbiology	Bacterial Count: TAMC-Bacteria <1,000 cfu/g, TYMC <100 cfu/g, Salmonella negative/10g, E. Coli negative/10g, S. Aureus negative/10g
GMO	GMO Free According to Reg. (EC) 1829/2003 and 1830/2003 and amendments
ETO	ETO free
Vegan	Vegan
Sterilization Method	High Temperature and Pressure
Irradiation	No ionization or other radiation is permitted According to Dir. (EC) 1999/2 and 1999/3 and amendments
BSE/TSE	Risk Free BSE/TSE
Allergen free	according to Reg. (EC) 1169/2011
Nanomaterials	Absent According to Reg. (EC) 1169/2011
Titanium dioxide	Absent According to Reg. (EC) 2022/63
Packaging	According to Reg. (EC) Nr. 10/2011 and 1935/2004

STORAGE AND HANDLING

Storage	Store in a well-closed container away from moisture and direct sunlight
Shelf Life	3 years if sealed and properly stored

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