

L-Glutathione

CAS	70-18-8
Molecular formula	C10H17N3O6S
Molecular weight	307.32 g/mol
Appearance	White crystalline powder
Container sizes on this lot	500 mg

Analytical results

TEST	METHOD	RESULT
Purity	Reverse-phase HPLC, 214 nm	99.0% (spec ≥ 98.0%)
Bacterial endotoxin	LAL (Limulus ameobocyte lysate)	0.27 EU/mg (spec < 0.5 EU/mg)
Identity	Mass spectrometry	307.38 g/mol obs. vs 307.32 g/mol calc.
Appearance	Visual	White crystalline powder

Storage & handling

Lyophilized: -20 C, tightly sealed. Reconstituted: 2-8 C, use within 14 days.

Assayed: 2026-07-31

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Quality Assurance, PeptideSeed Laboratory Services