Horizon Analytical

Certificate of Analysis

Lot Number: DPS-2768697
Client Name: Direct Peptides
Identity: directpeptides.com

Lab Received Date: 05/19/2026
Analysis Conducted: 06/22/2026
Searchable via: horizonanalytical.com

Compound:	L-Glutathione
Report Number:	1006532
Appearance:	White Lyophilized Powder

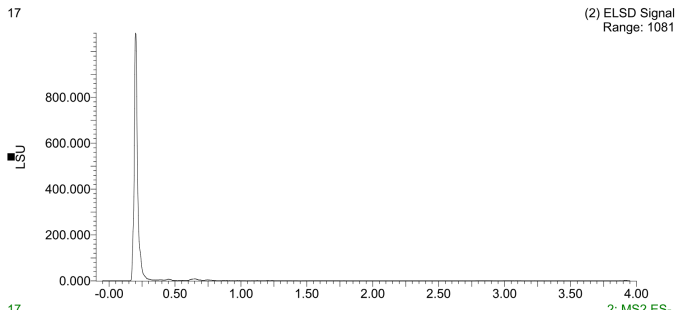
CAS:	170-18-8
Formula:	$C_{10}H_{17}N_3O_6S$
Mol Weight:	~307.32 g/mol

Pubchem CID: 124886

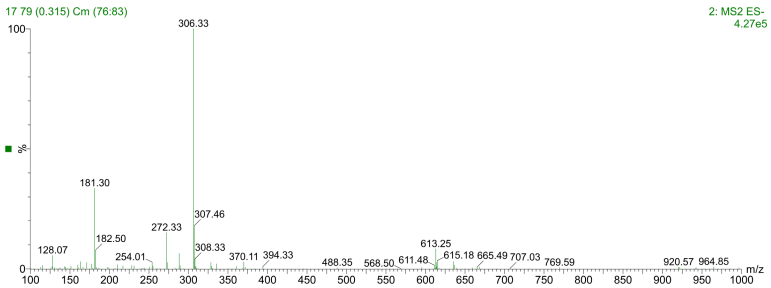
Qualitative and Quantitative chemical analysis by Ultra High Performance Liquid Chromatography with Mass Spectrometry

	Specification	Result	Scan to Validate:
Compound Test:	L-Glutathione	L-Glutathione	
Quantity:	500mg	492mg	
Purity:	>98%	99.43%	

UPLC



MS



Aleksey Yevtodiyenko PhD
Research and Formulation Chemist

This purity analysis was conducted using UPLC/MS under standard laboratory conditions, following validated analytical protocols to ensure accurate and reliable results. This analysis is intended for informational and research applications.

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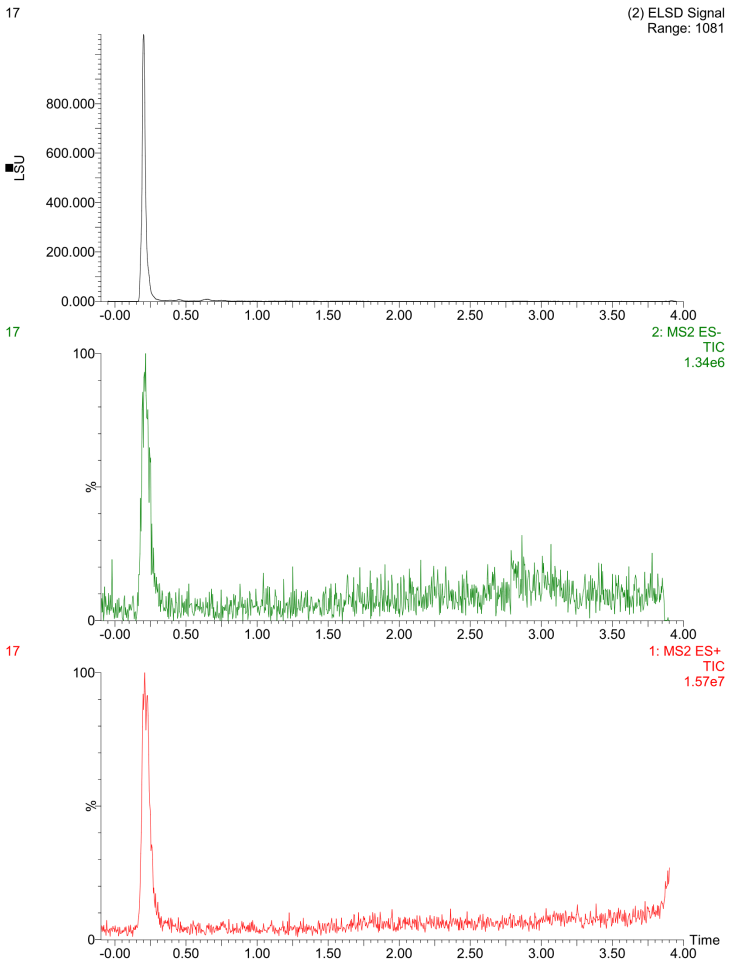
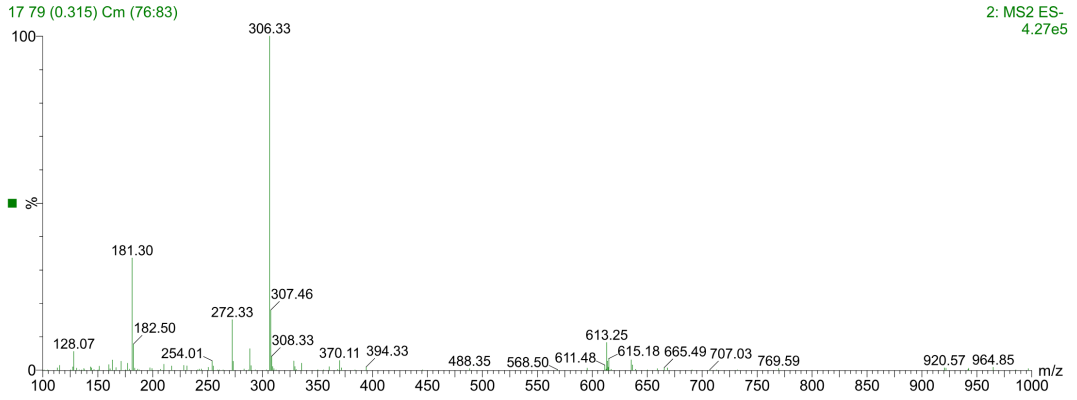
L-Glutathione (500mg) • Pubchem CID: 124886
Ultra High Performance Liquid Chromatography (UPLC)



Mass Spectrometry (MS)