

**CERTIFICATE OF ANALYSIS**

Product Name Glutathione 600mg
Client/Lot No. Enzymic Chemical Supply

Sequence Glu-Cys-Gly
Dissolution condition 100% H₂O
Length 3AA
Molecular Weight 307.32 g/mol

	Specifications	Results
Strength	600.00 mg	660.86
Appearance	White lyophilized powder	Conforms
pH value	6.0-8.0	7.0
Purity	≥98.0	99.8%
Impurity	Single Impurity ≤1.0%	0.1%
	Total Impurity ≤2.0%	0.2%

Conclusion

The sample was analyzed using Reverse Phase High Performance Liquid Chromatography (RP-HPLC) and determined to contain 99.8% glutathione (660.86 mg), and no significant impurities were identified.

Certified by:

11/05/2024

Analytical Chemist

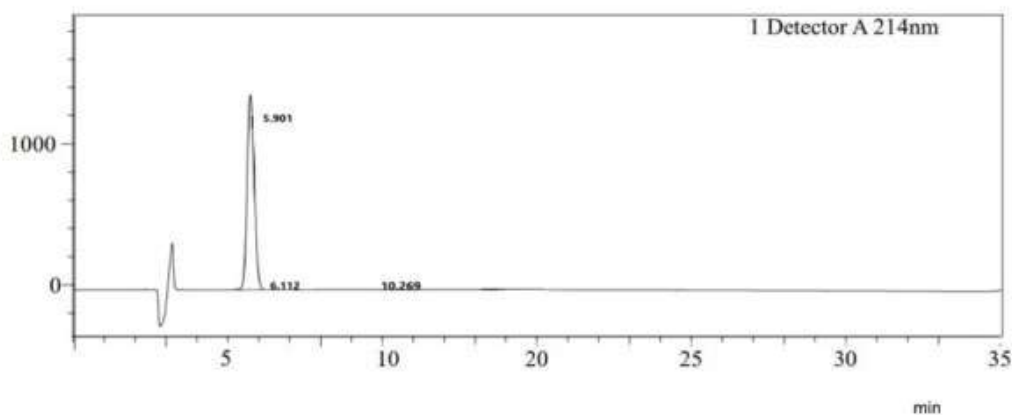




SAMPLE INFORMATION

Name :Glutathione 600mg
Sequence :Glu-Cys-Gly
Client Name/Lot. No :Enzymic Chemical Supply
Pump A :0.1% TFA in 100% Water
Pump B Total :0.1% TFA in 100% Acetonitrile
Flow :1.0 ml/min
Wavelength :214nm
Analytical column typ :Agilent ZORBAX StableBond 5 µm C18 (2) (4.6*250mm*5 µm)
Dissolution method :100%H2O
Inj. Volume :30ul

Time	Module	Action	Value
0.01	Pumps	B.Conc	30
5.00	Pumps	B.Conc	70
10.00	Pumps	B.Conc	90
15.00	Pumps	B.Conc	70
20.00	Pumps	B.Conc	30
25.00	Controller	Stop	



Peak Table

Detector A 214nm

Peak#	Ret. Time	Area	Height	Area%
1	5.901	7345695	687469	99.840
2	6.112	21562	4677	0.102
3	10.269	10633	1014	0.058

Certified by: 

Analytical Chemist

11/05/2024

