

SINOWAY INDUSTRIAL CO.,LTD.

16/F.,HUICHENG COMM.COMPLEX, 839 XIAHE RD.,XIAMEN,CHINA

TEL: 0086-592-5854962

POSTCODE: 361004

FAX: 0086-592-5854960

E-MAIL: sale3@china-sinoway.com

Certificate of Analysis

Product name	L-glutathione Reduced	Batch No.	201401002-2
Quantity	26.8kgs	Packing	25kg/drum
Manufacture Date	Jan.13,2014	Expiry Date	Jan,12,2016
Inspection standard	USP35		

Test Items	Specification	Result
Appearance	White or almost white crystalline powder	white crystalline powder
Loss on drying	≤0.50%	0.14%
Identification: SOR	-15.5℃~17.5℃	-16.8℃
Infraed	Compare with the reference spectrum	positive
Ammonium	≤ 200ppm	<200ppm
Chloride	≤ 200ppm	<200ppm
Sulphate	≤ 300ppm	<300ppm
Iron	≤ 10ppm	<10ppm
Arsenic	≤2ppm	<2ppm
Heavy metals	≤ 10ppm	<10ppm
Loss on drying (3h at 105℃)	≤0.5%	0.3%
Residue on Ignition	≤ 0.1%	0.02%
Related substance		
L-Glutathione oxidized	≤ 1.5%	0.5%
Total impurities	≤ 2.0%	1.6%
Assay (dry basis)	98.0% ~101.0%	99.6%
Conclusion	Complies with USP35 standard	