





CERTIFICATE OF ANALYSIS

Product name:	L-Glutathione		
Batch Number:	20181008	Manu. Date:	Oct.8.2018
Batch Size	25KG	Expiration Date:	Oct.7.2020
Net Weight:	25KG	Report Date	Oct.8.2018
Storage Condition:	Preserve in tight containers at controlled room temperature .		

Item	Specification	Result
Maker Compounds (HPLC)	≥ 98.00%	98.53%
Appearance	Fine Powder	Conforms
Color	Off-white to White powder	Conforms
Loss on Drying	≤ 0.5%	0.39%
Ash content	≤ 0.5%	0.04%
Optical rotation	-15.5° ~ -17.5°	-16.0
Chlorides	≤ 200ppm	Conforms
Sulfates	≤ 300ppm	Conforms
Ammonium	≤ 200ppm	Conforms
Iron	≤ 10ppm	Conforms
Related Substances	Total ≤ 2.0%	1.58%
	GSSG ≤ 1.5%	0.73%
Total Heavy Metals	≤ 10ppm	Conforms
Arsenic	≤ 1.0ppm	Conforms
Lead	≤ 3.0ppm	Conforms
Conclusion:	Conforms	
Tested by		Approved by 

Safety : This product is safe for use.

Standard: Complies with the

