



XI'AN HARMONIOUS NATURAL BIO-TECH CO.,LTD

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# Certificate of Analysis

Product Name: L- Glutathione		Quantity: 1000kg
Test sample: 100gram		Manufacture Date: Jul.10th,2017
Batch NO.: HNB170712-1		Analysis Date: Jul.12nd,2017
Storage: Store in cool&dry place, in well-closed containers.		
Shelf life: 24 Months when properly stored.		
ITEMS	SPECIFICATIONS	RESULT
Assay	98.0% --101.0%	99.81%
Appearance	White or almost white, crystalline	Conform
Odor & Taste	Characteristic	Conform
Mesh Size	100 mesh 100	Conform
Solubility	Freely soluble in water, very slightly	Conform
Loss on Drying	Maximum0.5%	0.17%
Total Ash	Maximum0.3%	0.12%
Specific optical rotation	- 15.5 --- - 17.5	Conform
Related substances	Complies with standard of EP 2007.	Conform
Chlorides	Maximum 200 ppm	Conform
Sulphates	Maximum 300 ppm	Conform
Ammonium	Maximum 200 ppm	Conform
Iron	Maximum 10 ppm.	Conform
Residue on Ignition	Maximum0.1%	Conform
Sulphated ash	Maximum 0.1%	Conform
Heavy Metals	Maximum10 PPM	Conform
As	Maximum2 PPM	Conform
Cd	Maximum1 PPM	Conform
Pb	Maximum1 PPM	Conform
Hg	Maximum0.5 PPM	Conform
Total Plate Count	≤1000cfu/g	73 cfu/g
Total Yeast & Mold	≤100cfu/g	21 cfu/g
E. Coli	Negative	Conform
Salmonella	Negative	Conform
Staphylococcus	Negative	Conform
<b>Conclusion</b>	Complies with standard of EP2007.	

QC MANAGER:

王翠娟

INSPECTOR:

杨思远

