



# 武汉星时代国际食品有限公司

## Wuhan New Erea Food Co.,Ltd

Address: Room 2015-2016, No. 2 Building, Kaixing Mansion, No. 107 Jinqiao Avenue, Wuhan, China.

Tel: +86-27-85767163, 59207850 Fax: +86-27-59524646 Zip code:430013

<https://ereatime.en.alibaba.com>

E-mail: [admin@nefood.cn](mailto:admin@nefood.cn),

[sales02@nefood.cn](mailto:sales02@nefood.cn)

### CERTIFICATE OF ANALYSIS

Products Name	CAS NO.	Batch No.
Glutathione	70-18-8	20240329
Mfg. Date	Exp. Date	Package
Mar., 29,2024	Mar., 28,2026	25kg/ Drum

ITEMS	SPECIFICATIONS	RESULTS
Appearance	White crystalline powder	Conform
Purity	98.0% ~ 102.0%	99.9%
Solubility	Freely soluble in water, very slightly soluble in ethanol and in methylene chloride	Conform
Optical Rotation	-15.5 ° ~ -17.5 °	-16.5 °
Bulk Density	>0.20g/ml	0.32 g/ml
Tapped Density	>0.40g/ml	0.77g/ml
Identification IR	Similar with the reference spectrum	Conform
Clarity and color of solution	Clear and colourless	Conform Q. A.
Chlorides	<0.02%	放行 <0.02%
Sulphates	<0.03%	<0.03%
Ammonium	<0.02%	<0.02%
Iron	<0.001%	<0.001%
Loss on Drying	<0.5%	0.2%
Residue on Ignition	<0.1%	0.08%

Heavy Metals	<10ppm	<10ppm
Arsenic(AS)	<1ppm	<1ppm
Lead(Pb)	<2ppm	<2ppm
Mercury(Hg)	<0.2ppm	<0.2ppm
Cadmium(Cd)	<0.3ppm	<0.3ppm
Related Substances	GSSG<1.5%	0.48%
	Total<2.0%	0.76%
Microbiology	Total plate count ≤1000CFU/g	<10 CFU/g
	Coliforms≤100CFU/g	<10 CFU/g
	Yeast and mold count≤50CFU/g	<10 CFU/g
	Salmonella absent	ND
	S. aureus absent	ND
Conclusion	QUALIFIED.	

Q.C.: Luo Xiaofeng

Tester: AT02

Re-tester: AT03