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V2.01-2021

Certificate of Analysis

Product Information

Product Name	L-Glutathione Reduced	Report Number	GLL20201221
CAS NO	70-18-8	Manufacture Date	2020/11/26
Batch Number	GLL201126	Analysis Date	2020/12/01
Batch Quantity	500Kg	Expiry Date	2022/11/25

Test Items	Specifications	Result
Appearance	White or Off-white Powder	Conforms
Identification	HPLC RT	Conforms
Assay	98.0%~101.0%	99.20%
Specific Rotation	-15.5~-17.7°	-16.01°
Heavy Metals	≤10ppm	Conforms
Chlorides	≤200ppm	Conforms
Sulfates	≤300ppm	Conforms
Ammonium	≤200ppm	Conforms
Iron	≤10ppm	Conforms
Residue on ignition	≤0.1%	0.04%
Loss on drying	≤0.5%	0.02%
Related Substances	Gross contamination ≤2.0%	0.46%
	GSSG ≤1.5%	0.19%
Total Aerobic Count	≤1000cfu/g	50cfu/g
E-Coli	Negative	Conforms
Salmonella	Negative	Conforms
Staphylococcus Aureus	Negative	Conforms

Conclusion

Conclusion	To be complied with in-house Specification
Shelf Life	2 years when properly stored.
Storage	Store in cool & dry place, not freeze. Keep away from strong light.

Tested by: 张丽娜

Checker: 李明

Approved:

