



武汉福鑫化工有限公司

Wuhan Fortuna Chemical Co.,Ltd

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CERTIFICATE OF ANALYSIS

Products Name	CAS NO.	Batch No.
Manganese(II) Gluconate Dihydrate	59625-89-7	20240420
Mfg. Date	Exp. Date	Package
Apr., 20, 2024	Apr., 19, 2026	25kg/ Box/Bag/Drum

ITEMS	SPECIFICATIONS	RESULTS
Appearance	White crystalline powder	Meets requirements
Assay	98.0-102.0%	100.9%
Water	3.0-12.0%	8.9%
Identification		
A	To pass test	Passes test
B	To pass test	Passes test
PH	6.0-7.8	7.1
Chloride	0.05% max.	0.03%
Sulfate	0.05% max.	0.03%
Heavy metals	20ppm max.	<20ppm
Lead	10ppm max.	<10ppm
Reducing substances	1.0% max	0.2%
Organic volatile impurities	Meets requirements	Meets requirements
Magnesium content(as dihydrate)	5.29%-5-50%	5.44%
Particle size	Thru an 60 mesh	90%
Microbial Limits		
Total aerobic count	1000cfu/g max.	50cfu/g
Total molds-yeasts	300cfu/g max.	40cfu/g
E.Coli and Salmonella	Absent	Absent
Conclusion	Herein is true and correct to the best of our knowledge.	

Q.C.: Luo Xiaofeng

Tester: AT02

Re-tester: AT03

