

CERTIFICATE OF ANALYSIS

NO: DYC081409041

Product name	Manganese Gluconate
CAS Number	6485-39-8
Molecule Structure	
Molecule Formula	C₁₂H₂₂MnO₁₄
Batch number	20140620
Manufacture Date	2014-06-20
Testing date	2014-06-20

Items	Standard	Result
Assay(on dried basis)	98.0~102.0%	100.15%
Loss on drying	3~9%	5.78%
Sulfate	≤0.2%	<0.2%
Chloride	≤0.05%	<0.05%
Reducing substances	≤1.0%	<1.0%
Heavy metal	≤0.001%	<0.001%
Lead	≤10mg/kg	<10mg/kg
Arsenic	≤3mg/kg	<3mg/kg
Organic volatile	Meet the requirement	Meet the requirement
Conclusion	Conformed with the requirements of USP30	

Hangzhou Dingyan Chem Co., Ltd.
 QUALITY CONTROL: *Xuefen Chen* CHECK: 姚仙娟 INSPECTOR: 刘清风
Quality Control