



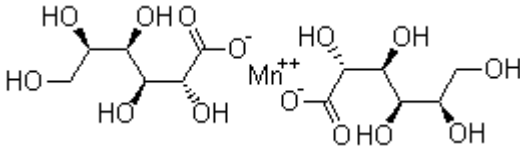
HANGZHOU DINGYAN CHEM CO.,LTD

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CERTIFICATE OF ANALYSIS

NO: **DYC071605192**

Product name	Manganese gluconate
CAS Number	6485-39-8
Molecule Structure	
Molecule Formula	(C ₆ H ₁₁ O ₇) ₂ . Mn; C ₁₂ H ₂₂ MnO ₁₄
Batch number	20160430
Manufacture date	2016-04-30
Testing date	2016-04-30
Ref. Standard	USP30

Items	Standard	Result
Description	Light pink powder	Conform
Assay (no H ₂ O)	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	

QUALITY CONTROL:
Hangzhou Dingyan Chem Co., Ltd.
Quality Control *Edith*
Signature(s)

CHECK: 姚仙娟

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