



## Certificate of Analysis

Product Name:	<b>Manganese gluconate</b>	Batch Number:	<b>Varies</b>
CAS No.	<b>6485-39-8</b>	Manufacture Date:	<b>Varies</b>
Molecular Formula:	<b>C<sub>12</sub>H<sub>22</sub>MnO<sub>14</sub></b>	Expiry Date:	<b>Varies</b>

IDENTIFICATION		SPECIFICATION	RESULT
Assay		98 - 102%	99.9 - 100.16%
Physical	Appearance	Light pink granular or crystalline powder	Complies
	Water	3 - 9%	7.5 - 8.13%
	Reducing substances	≤ 1%	< 1%
Chemical	Lead (Pb)	≤ 2 mg/kg	Complies
	Arsenic (As)	≤ 3 mg/kg	Complies
	Chloride	≤ 0.05%	Complies
	Sulfate	≤ 0.2%	Complies

Else	Storage condition	Sealed, kept in shady and dry place
	Shelf life	Two years

