

# INSOLENT [LABS]

## Manganese gluconate

### Product SPECIFICATION

<b>Product Name</b>	Manganese gluconate
<b>INCI Name</b>	bis(D-gluconato-O1,O2)manganese
<b>EINECS Number</b>	229-350-4
<b>CAS Code</b>	6485-39-8

<b>Product:</b>	Manganese Gluconate Dihydrate USP28 Powder
<b>Appearance</b>	Light pink coloured powder
<b>Identification</b>	
<b>A</b>	To pass test
<b>B</b>	To pass test
<b>Assay (on dry basis)</b>	98.0-102.0%
<b>Water</b>	6-9%
<b>Chloride</b>	0.05% max.
<b>Sulfate</b>	0.2% max.
<b>Arsenic</b>	2mg/kg max.
<b>Lead</b>	3mg/kg max.
<b>Mercury</b>	0.1mg/kg max.
<b>Cadmium</b>	1mg/kg max.
<b>Heavy metals</b>	20ppm max.
<b>Reducing substances</b>	1.0% max.
<b>Organic volatile impurities</b>	Meets requirements
<b>Manganese content(as dihydrate)</b>	11.19%-11.64%
<b>Particle size Thru 70 mesh</b>	-----
<b>Microbial Limits</b>	
<b>Total aerobic count</b>	10000cfu/g max.
<b>Total molds-yeasts</b>	100cfu/g max.
<b>Salmonella</b>	Absent/10gram
<b>Enterobacteriaceaes</b>	Absent/1gram
<b>E.Coli</b>	Absent/1gram