



Tongliao Meihua Biological Sci-Tech Co.,Ltd  
 Address: Mulu Town, Keerqin Dis., Tongliao City,  
 The Inner Mongolia Post: 028024  
 Tel: 86-0475-8877002 Fax: 86-0475-8877002  
 Web: www.meihuagr.com Email: info@meihuagr.com

# Specification

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**PRODUCT: MSG (Monosodium Glutamate) GB/T8967-2007, FCC, E621**

Item	Specification
Appearance	Small crystals
Color	Whitish
Aroma	None
Flavor	Slightly Salty
Assay	99.0% min
PH (5% Solution)	6.7-7.2
Sodium Content	12.30% max
Transmittance	98.0% min
Specific Rotation $[\alpha]_D^{20^\circ}\text{C}$	+24.9 <sup>0</sup> - +25.3 <sup>0</sup>
Loss on Dry	0.5% max
Heavy metals	10 ppm max
Arsenic (As <sub>2</sub> SO <sub>3</sub> )	0.5ppm max
Chloride	0.1% max
Pyrrolidoncarboxyl Acid	0.2% max
Lead (Pb)	1 ppm max
Nitrogen	NA
<b>Microbiological Standard</b>	
Total Plate Count	Max. 10000cfu/g
Mould Count	Max. 1000cfu/g
Yeast Count	Max. 1000cfu/g
Coliforms	Max. 3MPN/g
Salmonella	Negative in 25g
Enterobacteriaceae	Max. 10 cfu/g
Pathogenic Bacteria	Absent
E. Coli	Negative in 25g

Mesh Size:

Medium: 30-40mesh, Regular: 20-60mesh, Small: 40-80mesh, Fine: 60-120mesh, Extra Fine: 100-200mesh

Shelf-life: 3 years

Storage conditions: dry and cool conditions

