



75931

**L-Glutamic Acid Monosodium Salt Monohydrate  
(MSG) for cell culture, 99%, Endotoxin (BET)  
0.05EU/mg**

Part B1

CAS : 6106-04-3

Molecular Formula : C<sub>5</sub>H<sub>8</sub>NO<sub>4</sub>Na.H<sub>2</sub>O

Molecular Weight : 187.14

**Specifications**

Appearance (Colour)	White
Appearance (Form)	Needle shape compound / Crystalline powder
Solubility (Turbidity) 10% solution 5N HCl	Clear
Solubility (Colour) 10% solution 5N HCl	Colourless
Assay (NT)	min. 99%
Specific rotation [?]	+23° to +25° (C=2 , 5N HCl)
Chloride (Cl)	max. 0.1%
Sulphate (SO <sub>4</sub> )	max. 0.01%
Iron (Fe)	max. 0.001%
Heavy Metals (Pb)	max. 0.001%
Homogeneity by TLC	Passes test
Suitability for Cell Culture	Passes test
Bacterial Endotoxin Test (BET) (EU/mg = IU/mg)	0.05 EU/mg

**General Information**

Storage	25 to 40°C (Room Temperature)
Shelf Life	60 Months
IMDG Identification	Not Regulated for Transport (Non-Haz)
HSN Code	
100 Gms	29224220 (GST 18%)
500 Gms	29224220 (GST 18%)
Type of Packing	
100 Gms	Plastic Bottle
500 Gms	Plastic Bottle

## Available Packages

100 Gms

500 Gms

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### Disclaimer

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