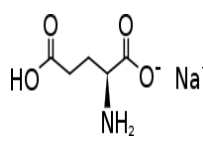


Monosodium Glutamate (MSG)



General Information

Chemical Formula	C ₅ H ₈ NO ₄ Na	
Name	L- Monosodium Glutamate	
Synonym	Sodium Hydrogen Glutamate	
Origin	China	
H.S. Code	2922.42.20	
CAS No.	142-47-2	
Molecular Weight	169.11 g mol ⁻¹	

Application

Food additive	It is used as food additive for packaging food products, meat, chips, cheese, Chinese food items, snacks and fish products. It gives specific "Umami" taste to the food.
Cosmetics	It is used as an additive in cosmetic products such as skin care creams, shampoos, hair conditioners etc.
Dietary supplement	It is used as dietary supplement as its presence lowers the need of salt and sodium intake can be lowered for hypertension patients.
Other applications	It is used in the fertilizers as it enhances the plant growth.

Specification

Property	Units	Value
Appearance		White small crystals
Flavor		Umami
Purity	%	99 (min)
Chloride	%	0.04 (max)
Specific rotation		+24.9 ⁰ to +25.3 ⁰
Loss on drying	%	0.3 (max)
Sulphate	%	0.05(max)
Transmittance	%	98.0 (min)
Iron (Fe)	ppm	5 (max)
Arsenic (As)	ppm	1.5 (max)
Lead (Pb)	ppm	1 (max)

Packaging

880 @ 25 kg Kraft paper bags, 22 MT/20' FCL

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