



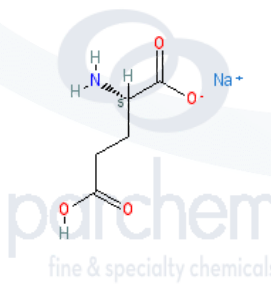
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Typical Product Specifications & Properties

monosodium glutamate

CAS Number: : 142-47-2

Specifications	Limits
Appearance	white colorless crystalline powder
Assay	99.00 to 100.00 %
Melting Point	230.00 to 232.00 °C. @ 760.00 mm Hg
Vapor Pressure	0.000025 mm/Hg @ 25.00 °C
Shelf Life	12 month(s) or longer if stored properly
Storage	store in cool, dry place in tightly sealed containers, protected from heat and light
Taste	salty meaty
logP (o/w)	-1.44
Odor	bland peptone
Chemical Structure	 <p>Chemical structure of monosodium glutamate (MSG) is shown, featuring a glutamate ring with a sodium ion (Na⁺) counterion. The structure includes a carboxylate group, an amino group, and a side chain with another carboxylate group.</p>



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