

Product Specification

Product Name: L-Glutamic Acid Sodium Salt monohydrate

L(+)-Monosodium glutamate monohydrate

Item Nr.: 2030

MW: 187.13 g/mol

C₅H₈NNaO₄*H₂O

CAS Nr.: 6106-04-3

E.C.Nr.:

EINECS: 612-072-6

Parameter	Method	Specification	Unit
Appearance	visual	white free-flowing odourless crystals	
Solubility	10% in H ₂ O	soluble	
Clarity of solution	Nephelometry	0	NTU
Coloration of sol.	Gardner	1	
Assay	perchloric acid titration	>99.0	%
Loss on drying		< 0.5	%
pH	5% in H ₂ O	6.7 - 7.2	
Optical rotation	[α] _{20D}	+24.8 - +25.3	°
Heavy metals (as Pb)		≤10	ppm
Chlorides		<2000	ppm
Lead (Pb)	AAS	<1.0	ppm
Arsenic (As)		< 1.5	ppm
Sulfates (SO ₄)		< 300	ppm

Storage: Keep well closed at room temperature in a dark and dry place.

For professional use only. Not intended for pharmaceutical use. We do not warrant suitability for any particular application. Consult Safety Data Sheet.

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The data above have been acquired and managed under the principles of EN ISO-

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