
Monosodium-L-glutamate, Hi-AR®

GRM681

Product Identifier

CAS No.	:	6106-04-3
EC No.	:	205-538-1
Molecular Formula	:	C ₅ H ₈ NNaO ₄ .H ₂ O
Molecular Weight	:	187.13
Synonym	:	L-Glutamic acid monosodium salt, Hi-AR®
HS Code	:	2922 42 20
Storage	:	Below 30°C
Shelf life	:	4 years

Technical Specification

Appearance	:	White to off-white crystals or powder or needles
Solubility	:	33.3 mg soluble in 1 mL of water
pH (5% in water at 25°C)	:	6.70 - 7.20
FTIR	:	Matches with the standard pattern
Specific rotation	:	+24.00° to +27.00° (c = 10% in 2N hydrochloric acid at 20°C)
Assay (NT)	:	98.00 - 102.00%

Safety Information

UN No.	:	Not dangerous goods
Class	:	-
Packing Group	:	-
RTECS	:	Not available
WGK	:	2