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## L-Arginine monohydrochloride

**GRM039**

### Product Identifier

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CAS No.	:	1119-34-2
EC No.	:	214-275-1
Molecular Formula	:	C <sub>6</sub> H <sub>14</sub> N <sub>4</sub> O <sub>2</sub> .HCl
Molecular Weight	:	210.66
HS Code	:	2925 29 90
Storage	:	Below 30°C
Shelf life	:	4 years

### Technical Specification

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Appearance	:	White to almost white crystals or powder
Solubility	:	100 mg soluble in 1 mL of water
pH (10% in water at 25°C)	:	4.70 - 6.20
FTIR	:	Matches with the standard pattern
Specific rotation	:	+21.40 to +23.60° (c = 8% in hydrochloric acid, at 20°C)
Loss on drying (at 105°C, 3 hr)	:	<= 0.20%
Assay (AT/NT, on dry basis)	:	98.50 - 101.50%

### Safety Information

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UN No.	:	Not dangerous goods
Class	:	-
Packing Group	:	-
RTECS	:	CF1995500
WGK	:	1