

L-Arginine

NO.	Items	Specification	Result
1	Appearance	White Crystals/Crystalline Powder	conforms
2	Identification	conforms	conforms
3	Specific optical rotation (20 °C)	+22.1 to + 22.9	22.4
4	State of Solution	Clear and colorless	conforms
5	Loss on drying	≤0.2%	<0.1%
6	Residue on Ignition	<0.1%	< 0.05 %
7	Assay	98.5 to 101.5%	99.3%
8	PH	4.7 to 6.2	5.5
9	Chloride	16.58 to 17.00%	16.8%
10	Ammonium	≤0.02%	<0.01%
11	sulfate	<0.02 %	<0.01 %
12	Iron	≤ 10 ppm	< 10 ppm
13	Heavy Metals	≤ 10 ppm	< 10 ppm
14	Arsenic	\$1 ppm	<1 ppm
15	Related Substances	conforms	conforms
16	Any Unspecified Impurities	≤0.2%	<0.2%
17	Total Impurities	\$0.5%	<0.1%

18	Endotoxin	<6.0 EU/g	conforms
----	-----------	-----------	----------

WebSite: ahrarchem.com
Email: Info@ahrarchem.com

Phone: +98 021 33 888 700
Mobile: +98 919 800 48 08