

SPECIFICATION

January 2, 2023

PRODUCT	L-ARGININE
CAS NO.	74-79-3
MANUFACTURER	DAESANG Corporation

TEST ITEM	SPECIFICATION
Appearance	White or almost white, crystalline powder or colourless crystals, hygroscopics
Identification	Conforms to Standard
Assay	98.5 ~ 101.0 %
Appearance of solution	Conforms
Specific optical rotation [20℃]	+25.5° ~ +28.5°
pH	10.5 ~ 12.0
Loss on drying	NMT 0.5 %
Sulphated ash (Residue on ignition)	NMT 0.1 %
Arsenic	NMT 1.5 ppm
Heavy metals (as Pb)	NMT 10 ppm
Lead	NMT 3 ppm
Iron	NMT 10 ppm
Chlorides	NMT 200 ppm
Sulphates	NMT 300 ppm
Ammonium	NMT 200 ppm
Ninhydrin-positive substances	Conforms
Total aerobic bacteria	NMT 1,000 cfu/g
Yeast & mold	NMT 100 cfu/g
Coliform	Negative/g
E.Coli	Negative/10g
Salmonella	Negative/25g

- This product conforms to the above-mentioned EP 9.0 specifications
- Valid period: January 2, 2023 ~ December 31, 2023