



**Buckton
Scott
Deutschland**

Specification	DATE:	09.01.2026
L-Arginine	TEST METHOD:	USP 43

Item	Specification
CAS no.	74-79-3
Identification	As per USP43
Appearance	White crystal or crystalline powder
Specific rotation	+26.3° to +27.7°
Assay	98.5% - 101.5%
Loss on drying	≤0.5%
Residue on Ignition	≤0.3%
Sulfate	≤0.03%
Chloride	≤0.05%
Iron	≤30ppm
Heavy metals	≤15ppm
Lead	≤3ppm
Cadmium	≤1ppm
Mercury	≤0.1ppm
Arsenic	≤1ppm
Particle size	≥ 90% pass through 20 mesh
Organic impurities	
Any individual impurity	NMT 0.5%
Total impurities	NMT 2.0%
Microbiological Limits	
Aerobic Plate Count	≤1000cfu/g
Yeasts	≤50cfu/g
Moulds	≤50cfu/g
Coliforms	negative/g
E.coli	negative/g
Salmonella	Negative/375g
Staphylococcus aureus	negative/25g
Packaging and Storage	Preserve in well-closed containers and protected from light
Shelf life	2 years

INFORMATION ABOVE AS RECEIVED FROM OUR SUPPLIER

INGREDIENTS WORLDWIDE

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