

## Specification Sheet

Product Name	L-Citrulline		
Packing	25Kg/Drum	Shelf Life:	24 Months

Analysis	Specification	Test methods
Description	White crystalline or powder. Slightly sweet taste.	AJI92
Identification	Infrared identification	AJI92
Transmittance	Not less than 98%	AJI92
Assay	99.0-101.0%	HPLC
Specific Rotation ( $[\alpha]_{D20}$ )	+24.5 ° - +26.8 °	AJI92
Chloride(Cl)	Not more than 0.020%	AJI92
Sulfate(SO4)	Not more than 0.020%	AJI92
NH4+	Not more than 0.020%	AJI92
Iron(Fe)	Not more than 10ppm	AJI92
Heavy metals(Pb)	Not more than 10ppm	AJI92
Arsenic	Not more than 1ppm	AJI92
Loss on drying	Not more than 0.30%	AJI92
Residue on ignition	Not more than 0.10%	AJI92
Pb	≤1ppm	In house standard
Cd	≤0.1ppm	In house standard
Hg	≤0.1ppm	In house standard
Total plate	≤1000cfu/g	AJI92
Yeast and Moulds	≤100cfu/g	AJI92
E. coli	Absence/g	AJI92
Salmonella	Absence/10g	AJI92
Bulk density	-----	In house standard
Compatibility	-----	In house standard
Mesh	-----	Conforms
Conclusion	This product complies with enterprise standard	