



Product Technical Data Sheet

Product name: L-Arginine

AC code: AC02001a

Technical Data Sheet	
Formular	:C6H14N4O2
Molecular Weight	174.20
Use	Nutritional supplements; Amino acid drugs; Food additive
CAS number	74-79-3
Molecular Structure	
Description	White crystalline powder or crystalline
Typical Analysis	
Identification	The infrared absorption spectrum with this product should be consistent with the standard spectrum
Specific rotation	+26.3° ~+27.7°
Chloride	Not more than 0.05%
Sulfate	Not more than 0.03%
Iron	Not more than 30ppm
Chromatographic purity	Any other impurity ≤0.5%
	Total impurity ≤2.0%
Loss on Drying	Not more than 0.5%
Residue on ignition	Not more than 0.30%
Assay	98.5%~101.5%
<p>Conclusion: Test results conform to above-mentioned specifications.</p> <p>Shelf Life: 2 years</p> <p>Agree with the specification of USP</p>	

Tested by: Bo xiao ye

Reviewed by: Jin yan

Approved by: Fan zongzhu