


L-Arginine



- More Than 12Years Experience
- Third Party Detection
- Free Sample For Test
- Unbeatable Prices For Long Cooperation

Product Name	L-Arginine		
CAS	74-79-3		
Chemical Formula	C6H14N4O2		
Molecular weight	174.2		
Appearance	White crystals or crystalline powder		
Assay	≥ 99.0%	Specific rotation $[\alpha]_D^{25}$	+26.7°
Loss on drying	0.24%	Supplier	FZBIOTECH

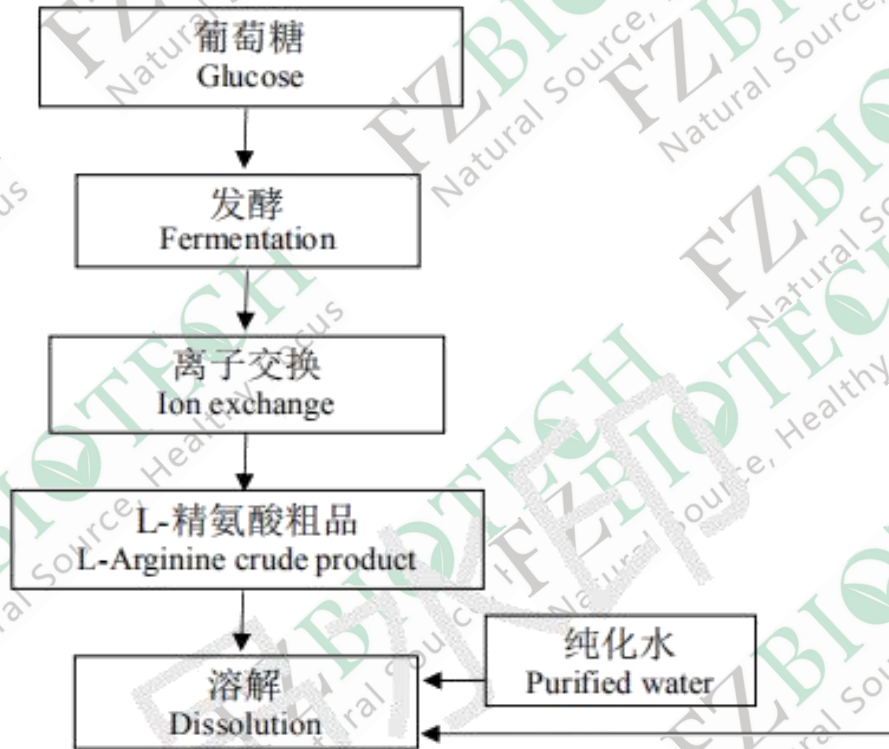
Arginine, also known as L-arginine (symbol Arg or R), is an α -amino acid that is used in the biosynthesis of proteins. It contains an α -amino group, an α -carboxylic acid group, and a side chain consisting of a 3-carbon aliphatic straight chain ending in a guanidino group. At physiological pH, the carboxylic acid is deprotonated ($-\text{COO}^-$), the amino group is protonated ($-\text{NH}_3^+$), and the guanidino group is also protonated to give the guanidinium form ($-\text{C}(\text{NH}_2)_2^+$), making arginine a charged, aliphatic amino acid.

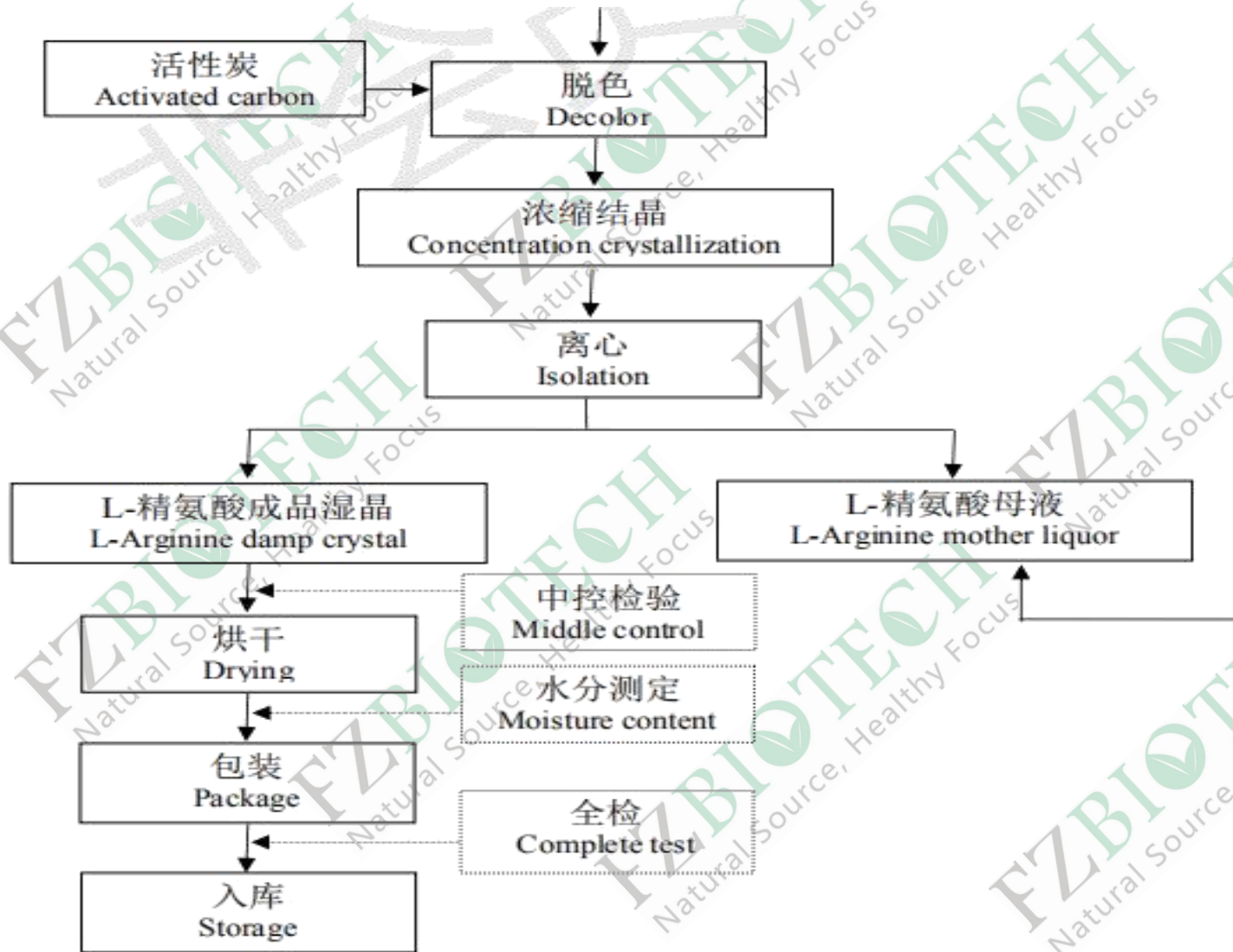
Sample Description and Number	Test Items	Test Results	Test Methods
O45301601 L-Arginine	Lead, mg/kg	Not detected (<0.010)	GB 5009.12-2010 The First method
	Cadmium, mg/kg	Not detected (<0.001)	GB 5009.15-2014
	Arsenic, mg/kg	Not detected (<0.005)	GB 5009.11-2014 The first chapter Second method
	Mercury, mg/kg	Not detected (<0.0025)	GB 5009.17-2014 The first chapter First method
	Aluminium, mg/kg	1.75	GB/T 23374-2009
	Tin, mg/kg	Not detected (<1.0)	GB 5009.16-2014 The First method
	Aerobic Plate Count, CFU/g	<10	GB 4789.2-2010
	Coliforms, MPN/g	<0.3	GB 4789.3-2010 The First method
	Escherichia coli, MPN/g	<0.3	GB 4789.38-2012 The First method
	Moulds & Yeasts, CFU/g	<10	GB 4789.15-2010

End of Report

L-精氨酸生产工艺流程图

Process Flow Chart Of L-Arginine







Thank You!

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