



L-ARGININE

**Feed Grade
Guaranteed Analysis
EC code 3c362**

**L-Arginine
Min. 98.5%**

Net WT 20 kg (44.1 lbs.)

Manufactured By

CJ BIO AMERICA, INC.

1946 HARVEST AVENUE, FORT DODGE, IA 50501

Under The License Of

CJ CheilJedang Corporation, Seoul, Korea

www.cjbio.net

For further manufacture of feed

Use in accordance of good feeding practices

L-Arginine Feed Grade (Fort Dodge)

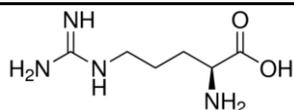
Description

L-Arginine is produced by microbial fermentation with *Corynebacterium glutamicum* from natural raw materials. L-Arginine is an essential amino acid for mammals and poultry. L-Arginine is a high quality amino acid produced by microbial fermentation with arginine activity of min. 98.5%.

Appearance

Off-White to yellow crystal powder, or crystalline powder

Chemical Description



Chemical structure

Molecular formula

C₆H₁₄N₄O₂

Molecular weight

174.20 g/mol

Isomer

L (Laevo-rotatory)

CAS number

74-79-3

Commercial Guarantee

L-Arginine, %	Minimum	98.5%	HPLC analysis
Moisture, %	Maximum	0.5%	105°C for 4 hrs

Nutritional Recommendations

Dry matter, %	99.5	Minimum	105°C for 4 hours
Digestibility, %	100		
Crude Protein, %	201	Average	(N x 6.25)
Energy		Kcal/kg	MJ/kg
ME poultry		4,642	19.42
DE swine		5,101	21.34
ME swine		4,897	20.49
NE swine		3,622	15.15

Packaging

20kg 2 ply High Performance paper bag and 1 ply PE

Storage

Store in a cool dry environment or in a closed container protected from water, excessive sunlight and/or heat. Avoid direct contact any combustible source.

Stability

3 years when stored in the above mentioned conditions

Additional Information | Does not constitute any commercial guarantee

General Specifications

pH	10.5 to 12.0	Solution at 10 %
Bulk density, g/ml	0.55 to 0.85	
Solubility in water	148g/L	at 20°C

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