

## Product Information

Product ID A6826

CAS No. 1119-34-2

**Chemical Name**

Synonym Arginine hydrochloride

Formula  $C_6H_{14}N_4O_2 \cdot HCl$

Formula Wt. 210.66

Melting Point 235°C (dec)

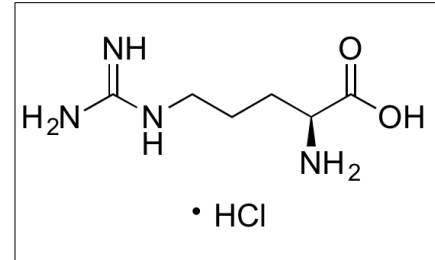
Purity ≥98%

Solubility Soluble in water. Slightly  
soluble in hot alcohol.

Store Temp 4°C

Ship Temp Ambient

**Description** L-Arginine is an endogenous amino acid also found in meat, dairy, grains, and legumes. L-Arginine exhibits vasodilatory and antihypertensive activities, as it is a precursor to the formation of NO. L-Arginine decreases systolic and diastolic blood pressure, improving cardiovascular and endothelial function. L-Arginine also enhances wound healing by increases collagen deposition.



**Bulk quantities available upon request**

Product ID	Size
A6826	25 g
A6826	100 g
A6826	500 g

**References** Dong JY, Qin LQ, Zhang Z, et al. Effect of oral L-arginine supplementation on blood pressure: a meta-analysis of randomized, double-blind, placebo-controlled trials. *Am Heart J.* 2011 Dec;162(6):959-65. PMID: 22137067.

Stechmiller JK, Childress B, Cowan L. Arginine supplementation and wound healing. *Nutr Clin Pract.* 2005 Feb;20(1):52-61. PMID: 16207646.

Gokce N. L-arginine and hypertension. *J Nutr.* 2004 Oct;134(10 Suppl):2807S-2811S. PMID: 15465790.

**Caution:** This product is intended for laboratory and research use only. It is not for human or drug use.