

## Label Information

The Spectrum label presents technical and safety information in an easily understood format. Our technical specialists stay abreast of the latest requirements of the Globally Harmonized System for Classification and Labelling of Chemicals (GHS), as well as the Occupational Safety and Health Administration (OSHA), the Food and Drug Administration (FDA) and other government regulatory agencies in order to ensure compliance, accuracy and concise hazard communication. Below you will find a typical label example for this catalog item.

Exp. Date: 00-00-0000



**USE CARE:** This material has been evaluated per GHS/OSHA criteria and is not classified as hazardous. All chemicals may pose unknown hazards and must be used with caution. Use personal protection and safe handling methods consistent with proper workplace safety practices. Consult SDS for additional properties and precautions. If adverse reaction occurs seek medical attention.

**KEEP FROM CHILDREN**

**A9601**

**SIZ SY**

## L-Arginine

Free Base

cGMP, bioCERTIFIED™

CAS 74-79-3



**CAUTION:** For manufacturing, processing or repacking. Further processing and testing required for use in parenteral applications.

**Read and understand the label and Safety Data Sheet (SDS) prior to use.**

**Chemical Emergency: (800)424-9300**

[www.SpectrumChemical.com](http://www.SpectrumChemical.com)

$C_6H_{14}N_4O_2$  F.W. 174.20

Not sterile.

|                               |                  |
|-------------------------------|------------------|
| Assay (Dried Basis).....      | 98.5-101.5%      |
| Specific Rotation (20°C)..... | +26.0° to +27.9° |
| Specific Rotation (25°C)..... | +26.3° to +27.7° |
| pH.....                       | 10.5-12.0        |

**MAXIMUM LIMITS**

|                             |               |
|-----------------------------|---------------|
| Loss on Drying.....         | 0.5%          |
| Residue on Ignition.....    | 0.2%          |
| Chloride.....               | 0.05%         |
| Sulfate.....                | 0.03%         |
| Insoluble Foreign Matter:   |               |
| Length of Fibers.....       | 5 mm          |
| Total Insolubles.....       | 5 mg/100 g    |
| Organic Impurities:         |               |
| Individual Impurities.....  | 0.5%          |
| Total Impurities.....       | 2.0%          |
| Arsenic.....                | 1.5 ppm       |
| Heavy Metals (as Pb).....   | 15 ppm        |
| Lead.....                   | 5 ppm         |
| Iron.....                   | 30 ppm        |
| Elemental Impurities.....   | As reported   |
| Residual Solvents.....      | To pass test  |
| Microbial Limits:           |               |
| Total Aerobic Bacteria..... | 1000 CFU/g    |
| Yeast and Mold.....         | 100 CFU/g     |
| Coliforms.....              | Negative/g    |
| Escherichia coli.....       | Negative/10 g |
| Salmonella.....             | Negative/25 g |

LIGHT SENSITIVE: Keep tightly closed in light-resistant containers.

G 1/K8GHS

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**Lot No. XQ####**

### Spectrum Chemical Mfg Corp

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