

General Information

Lot Number : 20067111
Product Name : L-Glutamine

Country of Origin : USA

| Physical & Chemical | | | |
|---------------------|--------------------------|--------------|-----------|
| Item | Specification | Test Results | Method |
| Identification | Conforms to standard | Conforms | USP<197K> |
| Appearance | White crystalline powder | Conforms | Visual |
| Loss on Drying | NMT 0.3% | 0.01% | USP<731> |

| Contaminants | | | |
|--------------|---------------|--------------|--------------------|
| Item | Specification | Test Results | Method |
| Lead (Pb) | NMT 0.5 ppm | NMT 0.5 ppm | FCC |
| Arsenic (As) | NMT 1.0 ppm | NMT 1.0 ppm | Arsenic limit test |

| <u>Microbiological</u> | | | |
|------------------------|-----------------|--------------|-------------|
| Item | Specification | Test Results | Method |
| Total Plate Count | NMT 1,000 cfu/g | ND | USP<2021> |
| Yeast & Mold | NMT 100 cfu/g | ND | AOAC 997.02 |
| E. Coli. | Negative/10g | Negative | USP<62> |
| Salmonella | Negative/25g | Negative | USP<62> |

| Note: | This is a natural product, variances may be found that are due to the |
|-------|-----------------------------------------------------------------------|
| | growing and drying conditions, age, season, harvest time, geographic |
| | location, production process, etc. |