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| Item Number | G1039 |
| Item | L-Glutamine, FCC |
| CAS Number | 56-85-9 |
| Molecular Formula | C ₅ H ₁₀ N ₂ O ₃ |
| Molecular Weight | 146.15 |
| MDL Number | |
| Synonyms | L-2-Aminoglutaramic Acid ; Levoglutamide ; L-Glutamic Acid 5-Amide |

| Test | Specification | |
|--|----------------|---------|
| | Min | Max |
| APPEARANCE | | |
| IDENTIFICATION | TO PASS TEST | |
| ASSAY (C ₅ H ₁₀ N ₂ O ₃ ; DRIED BASIS) | 98.5 | 101.5 % |
| OPTICAL ROTATION, [α] 20D (DRIED BASIS) | +6.3° to +7.3° | |
| LEAD (Pb) | | 5 mg/kg |
| LOSS ON DRYING | | 0.3 % |
| RESIDUE ON IGNITION | | 0.1 % |
| INSOLUBLE FOREIGN MATTER IN AMINO ACIDS | TO PASS TEST | |
| EXPIRATION DATE | | |
| DATE OF MANUFACTURE | | |
| MONOGRAPH EDITION | | |

Spectrum Chemical Mfg Corp

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|--------------------------------|-----------------------------|
| Corporate Headquarters: | West Coast Facility: |
| 769 Jersey Ave. | 14422 S. San Pedro St. |
| New Brunswick, NJ 08901 | Gardena, CA 90248 |
| 732.214.1300 | 310.516.8000 |