

L-Glutamic acid

Product Code: 25103

CAS: 616-65-2

SKU: 25103

Category: [Substrates](#)

PRODUCT DESCRIPTION

SPECIFICATIONS

CAS: 617-65-2

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|----------------------|--------------------------|
| CAS: | 56-86-0 |
| Formula: | $C_5H_9NO_4$ |
| Molecular Weight: | 147.13 |
| Appearance : | White crystalline powder |
| Assay: | > 99 % |
| Transmittance: | > 98 % |
| pH: | 3.0 - 3.5 |
| Loss on drying: | < 0.1 % |
| Sulfates: | < 0.02 % |
| Chloride: | < 0.02 % |
| Ammonium: | < 0.02 % |
| Arsenic: | < 1 ppm |
| Heavy metals: | < 5 ppm |
| Iron: | < 10 ppm |
| Specific rotation | +31.5 - +32.2 ° |
| Residue on ignition: | < 0.1 % |
| Foreign Amino Acids: | < 0.4 % (TLC) |
| Storage: | Room temperature |
| Stability: | At least 2 years. |