

L-Alanine free acid
Product Code: 25108
CAS: 56-41-7

SKU: 25108
Category: [Substrates](#)

PRODUCT DESCRIPTION

SPECIFICATIONS

| | |
|------------------------|---|
| CAS: | 56-41-7 |
| Formula: | C ₃ H ₇ NO ₂ |
| Molecular Weight: | 89.09 |
| Purity (on dry basis): | 99 - 101 % |
| Transmittance: | > 98.0 % |
| pH: | 5.7 - 6.7 |
| Foreign amino acid: | < 0.2 % |
| Loss on drying: | < 0.2% |
| Sulfates: | < 0.02 % |
| Chloride: | < 0.02 % |
| Ammonium: | < 0.02 % |
| Arsenic: | < 1 ppm |
| Heavy metals: | < 10 ppm |
| Iron: | < 10 ppm |
| Specific rotation | 20D : +14.3 - +15.2 ° |
| Residue on ignition: | < 0.1 % |
| Storage: | Room temperature |
| Stability: | At least 2 years. |