

SUBSTRATES BY SORACHIM

L-Glutamic Acid GLT-100

SPECIFICATIONS

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.