

SUBSTRATES BY SORACHIM

L-Alanine LAL-29C

SPECIFICATIONS

CAS:	56-41-7
Formula:	$C_3H_7NO_2$
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	$[\alpha]_{20D} : +14.3 - +15.2 ^\circ$
Residue on ignition:	< 0.1 %
Storage:	Room temperature
Stability:	At least 2 years.