

SUBSTRATES
BY

SORACHIM

L-Aspartic Acid
LAP-41C

SPECIFICATIONS

CAS:	56-84-8
Assay:	> 99 %
Mol formula:	$C_4H_7NO_4$
Mol weight:	133.11
Specific rotation (D20):	+24.8 - +26.7 °
Transmittance (430 nm):	> 95 %
pH (0.5%, H ₂ O):	2.5 - 3.5
Chlorides (Cl):	≤ 200 mg/Kg
Sulphates (SO ₄):	≤ 300 mg/Kg
Ammonium (NH ₄):	≤ 200 mg/Kg
Iron (Fe):	≤ 10 mg/Kg
Heavy metal (as Pb):	≤ 10 mg/Kg
Arsenic (As):	≤ 0.75 mg/Kg
Loss on drying:	≤ 0.2 %
Residue on ignition:	≤ 0.1 %
Storage:	Room temperature
Stability:	At least 2 years.

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