

SUBSTRATES
BY

SORACHIM

 α -Ketoglutaric acid

AKE-115C

SPECIFICATIONS

CAS:	328-50-7
Form:	White crystalline powder
Molecular weight :	146.10
Molecular formula:	C ₅ H ₆ O ₅
Assay:	> 98 %
Transmittance:	> 95 % (10%, H ₂ O)
Loss on drying:	< 1 %
Chlorides:	< 200 ppm
Ammonium:	< 200 ppm
Heavy metals (Pb):	< 10 ppm
Iron:	< 30 ppm
Sulfates:	< 200 ppm
Melting point:	105 - 118 °C
Residue on ignition:	< 0.2 %
Storage:	Room temperature
Stability:	At least 2 years at R.T.