

SUBSTRATES  
BY

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 $\alpha$ -Ketoglutaric acid disodium salt, dihydrate

AKE-05C

## SPECIFICATIONS

CAS:	305-72-6
Form:	White crystalline powder
Molecular weight:	226.10
Molecular formula:	$C_5H_4O_5Na_2 \cdot 2H_2O$
Assay:	> 98 %
Transmittance:	> 85 % (10%, H <sub>2</sub> O)
Loss on drying:	15-17 %
Sulfates:	< 200 ppm
Chlorides:	< 300 ppm
Ammonium:	< 200 ppm
Heavy metals (Pb):	< 10 ppm
Iron:	< 30 ppm
Other substances:	< 0.5 %
Storage:	Room temperature
Stability:	At least 2 years at R.T.