

SUBSTRATES BY SORACHIM

GLUPA C (L- γ -Glutamyl-3 carboxy-p-nitroanilide monoammonium salt) LGC-244C

SPECIFICATIONS

CAS:	63699-78-5
Form:	White to yellow powder
Formula:	$C_{12}H_{12}N_3O_7NH_4$
Molecular weight:	328.3
Assay (HPLC):	> 99 %
Assay (Enzym.):	> 87 %
Assay (A_{405nm} , 6mM):	0.65 - 0.8
α -Glupa C (HPLC):	< 0.4 %
Solubility (10%, H_2O):	Clear, yellow solution
Melting point:	170 - 180 °C
Water (Karl Fischer):	< 6.2 %
NH_4^+ :	5.2 ± 1 %
Molar Rotation D25:	30 - 34 °
Storage:	2 - 8 °C. Protect from moisture and light.
Stability:	Stable at least 2 years at 2 - 8 °C.