
DL-Alanine

GRM035

Product Identifier

CAS No.	:	302-72-7
EC No.	:	206-126-4
Molecular Formula	:	C ₃ H ₇ NO ₂
Molecular Weight	:	89.09
Synonym	:	DL-Aminopropionic acid
HS Code	:	2922 49 90
Storage	:	Below 30°C
Shelf life	:	4 years

Technical Specification

Appearance	:	White to off-white crystals or powder
Solubility	:	33.3 mg soluble in 1 mL of water
pH (5% in water at 25°C)	:	5.50 - 7.00
FTIR	:	Matches with the standard pattern
Loss on drying (at 105°C, 3 hr)	:	<= 0.3%
Residue on ignition	:	<= 0.2%
Assay (NT)	:	99.00 - 101.50%

Safety Information

UN No.	:	Not dangerous goods
Class	:	-
Packing Group	:	-
RTECS	:	AY2980000
WGK	:	1