

RM035 DL-Alanine**Product Number****Packing**

RM035	: 100G
RM035	: 1KG
RM035	: 25G
RM035	: 500G

Product Information

Product Code	: RM035
Product Name	: DL-Alanine
Synonym	: DL-Aminopropionic acid
Molecular Formula	: C ₃ H ₇ NO
Molecular Weight	: 89.09
CAS No.	: 302-72-7
EC No.	: 206-126-4
HS Code	: 2922 49 85
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 (KBr disc)	: Matches with the standard pattern
Melting range	: ~289°C (dec.)
Loss on drying (105°C, 3 hr.)	: ≤ 0.3%
Residue on ignition	: ≤ 0.2%
Assay (NT)	: 99.00 - 101.50 %

Risk and Safety Information

S-Phrase(s)	: 22-24/25
WGK	: 1
RTECS	: AY2980000
Storage Temperature(°C)	: Store below 30°C.

Transport Information

Marine Pollutant	: No
ADR/RID	: Not Dangerous Goods
IMDG	: Not Dangerous Goods
IATA	: Not Dangerous Goods