

RM041 L-Asparagine monohydrate**Product Number Packing**

RM041	:	100G
RM041	:	1KG
RM041	:	25G
RM041	:	500G

Product Information

Product Code	:	RM041
Product Name	:	L-Asparagine monohydrate
Synonym	:	L-Aspartic acid 4-amide
Molecular Formula	:	C ₄ H ₈ N ₂ O ₃ · H ₂ O
Molecular Weight	:	150.13
CAS No.	:	5794-13-8
EC No.	:	200-735-9
HS Code	:	2924 19 00
Shelf Life	:	4 years

Technical Specification

Appearance	:	Colourless to white to off-white crystals or powder
Solubility	:	33.3 mg soluble in 1 mL of water
pH (2% in water at 25°C)	:	4.00 - 6.00
FTIR (KBr disc)	:	Matches with the standard pattern
Specific rotation [α] 20/D	:	+33.0° to +36.5° (c = 1% in 6N HCl)
Melting range	:	233 - 235°C
Loss on drying (at 105°C, 3 hrs)	:	11.50 - 12.50 %
Assay (NT)	:	99.50 - 101.00 %

Risk and Safety Information

WGK	:	1
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