

RM057 L-Ornithine monohydrochloride

Product Number

Packing

RM057	: 100G
RM057	: 25G
RM057	: 500G

Product Information

Product Code	: RM057
Product Name	: L-Ornithine monohydrochloride
Synonym	: L-Ornithine hydrochloride
Molecular Formula	: $C_5H_{12}N_2O_2 \cdot HCl$
Molecular Weight	: 168.62
CAS No.	: 3184-13-2
EC No.	: 221-678-6
HS Code	: 2922 49 85
Shelf Life	: 4 years

Technical Specification

Appearance	: White crystals or powder
Solubility	: 33.3 mg soluble in 1 mL of water
pH (1 M in water at 25°C)	: 5.00 - 6.00
FTIR (KBr disc)	: Matches with the standard pattern
Specific rotation [α 20/D]	: +22° to +25° (c = 4 in 6M HCl)
Iron (Fe)	: $\leq 0.0005\%$
Sulphate (SO_4)	: $\leq 0.005\%$
Assay (AT/NT)	: min. 99.00 %

GHS Safety Information

Hazard Statement(s)	: H319
Precautionary Statement(s)	: P305+P351+P338
Signal Word	: Warning
Hazard Pictogram(s)	



Risk and Safety Information

R-Phrase(s)	: 36
S-Phrase(s)	: 26
WGK	: 2
Storage Temperature(°C)	: Store below 30°C
Hazard Symbol(s)	





Product Information

Transport Information

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

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