

DL-Malic acid

MB142

For Molecular Biology


Product Identifier

CAS No.	:	6915-15-7
EC No.	:	230-022-8
Molecular Formula	:	C ₄ H ₆ O ₅
Molecular Weight	:	134.09
HS Code	:	2918 19 90
Storage	:	Below 30°C
Shelf life	:	4 years

Technical Specification

Appearance	:	White to off-white crystals or powder or chunks
Solubility	:	100 mg soluble in 1 mL of water
DNases	:	None detected
RNases	:	None detected
Specific rotation	:	-0.10° to +0.10° (c = 20% in water at 20°C)
FTIR	:	Matches with the standard pattern
Melting range	:	128 - 134°C
Assay (NaOH Titration/GC)	:	99.00 - 101.00%

Safety Information

Hazard Pictogram(s)	:	
Signal Word	:	Warning
Hazard Statement(s)	:	H319
Precautionary Statement(s)	:	P280- P305+P351+P338- P337 + P313
UN No.	:	Not dangerous goods
Class	:	-
Packing Group	:	-
RTECS	:	ON7175000
WGK	:	3