

DL-Malic acid, Free acid

GRM203


Product Identifier

CAS No.	:	6915-15-7
EC No.	:	230-022-8
Molecular Formula	:	C ₄ H ₆ O ₅
Molecular Weight	:	134.09
Synonym	:	(±)-2-Hydroxysuccinic acid, Free acid
HS Code	:	2918 19 90
Storage	:	Below 30°C
Shelf life	:	4 years

Technical Specification

Appearance	:	White to almost white crystals or powder or chunks
Solubility	:	100 mg soluble in 1 mL of water
FTIR	:	Matches with the standard pattern
Specific rotation [alpha 20/D]	:	-0.10 to +0.10° (c = 20% in water at 20°C)
Melting range	:	128 - 134°C
Water (K.F.)	:	<= 2.00%
Assay (NaOH T/GC, on anhydrous basis)	:	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