
L-Serine, Plant Culture Tested

PCT0318

Product Identifier

CAS No.	:	56-45-1
EC No.	:	200-274-3
Molecular Formula	:	C ₃ H ₇ NO ₃
Molecular Weight	:	105.09
HS Code	:	2922 50 90
Storage	:	Below 30°C
Shelf life	:	4 years

Technical Specification

Appearance	:	White to off-white crystals or powder or needles
Solubility	:	33.3 mg soluble in 1 mL of water
FTIR	:	Matches with the standard pattern
Specific rotation	:	+14.0° to +15.6° (c = 10% in 2 M HCl at 20°C)
Assay (NT)	:	99.00 - 101.00%
Plant Tissue Culture Test	:	Passes

Safety Information

UN No.	:	Not dangerous goods
Class	:	-
Packing Group	:	-
RTECS	:	VT8100000
WGK	:	1