
D-Cycloserine, Plant Culture Tested

PCT1130

Product Identifier

CAS No.	:	68-41-7
EC No.	:	200-688-4
Molecular Formula	:	C ₃ H ₆ N ₂ O ₂
Molecular Weight	:	102.09
Synonym	:	D-4-Amino-3-isoxazolidone
HS Code	:	2941 90 90
Storage	:	2 - 8°C
Shelf life	:	3 years

Technical Specification

Appearance	:	White to pale yellow crystals or powder
Solubility	:	100 mg soluble in 1 mL of water
Specific rotation	:	+108.00° to +114.00° (c= 5% in 2N NaOH at 25°C)
FTIR	:	Matches with the standard pattern
Assay (NaOH Titration/HPLC)	:	98.00 - 102.00%
Plant Tissue Culture Test	:	Passes test

Safety Information

UN No.	:	Not dangerous goods
Class	:	-
Packing Group	:	-
RTECS	:	NY2975000
WGK	:	1