
Calcium D-pantothenate, Plant Culture Tested

PCT0202

Product Identifier

CAS No.	:	137-08-6
EC No.	:	205-278-9
Molecular Formula	:	C ₉ H ₁₆ O ₅ N.1/2Ca
Molecular Weight	:	238.27
Synonym	:	D-Pantothenic acid hemicalcium salt
HS Code	:	2936 24 00
Storage	:	Below 30°C
Shelf life	:	3 years

Technical Specification

Appearance	:	White to off-white hygroscopic crystals or powder
Solubility	:	100 mg soluble in 1 mL of water
FTIR	:	Matches with the standard pattern
Specific rotation	:	+25.00° to +29.00° (c= 5% in water at 25°C)
Loss on drying (at 105°C, 2 hr)	:	<= 5.00%
Assay (NT/HPLC, on dried basis)	:	98.00 - 102.00%
Plant Tissue Culture Test	:	Passes

Safety Information

UN No.	:	Not dangerous goods
Class	:	-
Packing Group	:	-
RTECS	:	RU4375000
WGK	:	1