
HEPES, Plant Culture Tested

PCT1532

Product Identifier

CAS No.	:	7365-45-9
EC No.	:	230-907-9
Molecular Formula	:	C ₈ H ₁₈ N ₂ O ₄ S
Molecular Weight	:	238.30
HS Code	:	2933 59 90
Storage	:	Below 30°C
Shelf life	:	4 years

Technical Specification

Appearance	:	Colourless or white crystals or powder or solid
Solubility	:	Clear solution at 33.3 mg in 1 mL of water
pH (1% in water at 25°C)	:	4.70 - 6.00
FTIR	:	Matches with the standard pattern
Loss on drying (at 105°C, 2 hr)	:	<= 1.0%
Assay (NaOH Titration, on dry basis)	:	99.00 - 102.00%
Plant Tissue Culture Test	:	Passes

Safety Information

UN No.	:	Not dangerous goods
Class	:	-
Packing Group	:	-
RTECS	:	TL6809000
WGK	:	1