
Thiamine hydrochloride, Plant Culture Tested

PCT0215

Product Identifier

CAS No.	:	67-03-8
EC No.	:	200-641-8
Molecular Formula	:	$C_{12}H_{17}ClN_4OS.HCl$
Molecular Weight	:	337.27
Synonym	:	Vitamin B1 hydrochloride
HS Code	:	2936 22 10
Storage	:	2 - 8°C
Shelf life	:	3 years

Technical Specification

Appearance	:	Colourless or white to off-white crystals or powder
Solubility	:	100 mg soluble 1 mL of water
pH (2.5 % in water at 20°C)	:	2.70 - 3.30
FTIR	:	Matches with the standard pattern
Water (K.F.)	:	<= 5.0%
Assay (HPLC/NT/AT, on anhydrous basis)	:	99.00 - 102.00%
Plant Tissue Culture Test	:	Passes

Safety Information

UN No.	:	Not dangerous goods
Class	:	-
Packing Group	:	-
RTECS	:	XI7350000
WGK	:	1