

Product Specification

Product Name: Vitamin B1 hydrochloride *copoeia
Thiamine

Item Nr.: 1167 MW: 337.3 g/mol C₁₂H₁₇ClN₄OS.HCl
CAS Nr.: 67-03-8 E.C.Nr.: EINECS: 200-641-8

Parameter	Method	Specification	Unit
Appearance	visual	White or almost white crystalline powder or colourless crystals	
Solubility	10% in H ₂ O	soluble	
Clarity of solution	Nephelometry	0	NTU
Coloration of sol.	Gardner	1	
Identification	IR	conforms to standard	
Assay	Titration	98.5 - 101.0	%
pH	2.5% H ₂ O	2.7 - 3.3	
Related Substances	LC	corresponds	
Water		<5.0	
Sulfated ash		<0.1	%
Sulfate		<300	ppm

Storage: Keep well closed at 2-8°C in a dark and dry place.

For professional use only. Not intended for pharmaceutical use. We do not warrant suitability for any particular application. Consult Safety Data Sheet.

Version/Latest update: 01/ 08.07.2024