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Typical Product Specifications & Properties

Thiamine Hydrochloride

CAS Number: : 67-03-8

Specifications	Limits
Slightly Soluble	in alcohol
pH	2.7 - 3.4
Assay	98.0% - 102.0%
Appearance	White Crystalline powder.
Odor	Characteristic, slight meat-like or yeasty odor.
Loss on Drying	NMT 5.0%
Absorbance of solution	Meets USP Requirements.
Molecular weight	337.27
Residue on Ignition	NMT 0.2%
Description	Thiamine Hydrochloride contains not less than 98.0% and not more than 102.0% of C ₁₂ H ₁₇ CIN ₄ OS.HCl.
Insolubility	in ether, benzene
Melting Point	248 c (dec.)



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Specifications	Limits
Molecular weight	337.30
Solubility	water, glycerol



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