

Item Number	T1053
Item	Thiamine Hydrochloride, FCC
CAS Number	67-03-8
Molecular Formula	C ₁₂ H ₁₇ ClN ₄ OS•HCl
Molecular Weight	337.27
MDL Number	
Synonyms	3-(4-Amino-2-methylpyrimidin-5-ylmethyl)-5-(2-hydroxyethyl)-4-methylthiazolium Chloride Hydrochloride ; Aneurine Hydrochloride ; Vitamin B1 Hydrochloride

Test	Specification	
	Min	Max
APPEARANCE		
ASSAY (C ₁₂ H ₁₇ ClN ₄ OS•HCl; ANHYDROUS BASIS)	98.0	102.0 %
COLOR OF SOLUTION		TO PASS TEST
pH OF A 1 IN 100 SOLUTION	2.7	3.4
LEAD (Pb)		2 mg/kg
NITRATE (NO ₃)		TO PASS TEST
RESIDUE ON IGNITION		0.2 %
WATER		5.0 %
IDENTIFICATION		TO PASS TEST
CERTIFIED HALAL		
CERTIFIED KOSHER		
EXPIRATION DATE		
DATE OF MANUFACTURE		

Spectrum Chemical Mfg Corp

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