

Item Number	HY108
Item	Hydrochlorothiazide, USP
CAS Number	58-93-5
Molecular Formula	C ₇ H ₈ ClN ₃ O ₄ S ₂
Molecular Weight	297.74
MDL Number	
Synonyms	6-Chloro-3,4-dihydro-2H-1,2,4-benzothiadiazine-7-sulfonamide 1,1-Dioxide

Test	Specification	
	Min	Max
ASSAY (DRIED BASIS)	98.0	102.0 %
LOSS ON DRYING		0.5 %
RESIDUE ON IGNITION		0.1 %
CHLORIDE (Cl)		0.035 %
SELENIUM (Se)		30 ppm
ELEMENTAL IMPURITIES:		
NICKEL (Ni)	AS REPORTED	
CHROMIUM (Cr)	AS REPORTED	
MOLYBDENUM (Mo)	AS REPORTED	
ORGANIC IMPURITIES:		
BENZOTHIADIAZINE RELATED COMPOUND A		1.0 %
CHLOROTHIAZIDE		0.5 %
5-CHLOROHYDROCHLOROTHIAZIDE		0.5 %
HYDROCHLOROTHIAZIDE DIMER		0.5 %
ANY OTHER INDIVIDUAL IMPURITY		0.5 %
TOTAL IMPURITIES		0.9 %
IDENTIFICATION (A)	SPECTRUM MATCHES REFERENCE	
IDENTIFICATION (B)	SPECTRUM MATCHES STANDARD	
APPEARANCE		
EXPIRATION DATE		
DATE OF MANUFACTURE		
RESIDUAL SOLVENTS:	AS REPORTED	

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