Certificate of Analysis

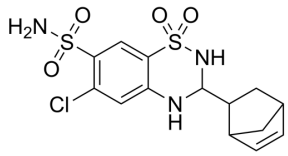
Cyclothiazide

Cat. No.:	HY-101165
CAS No.:	2259-96-3
Batch No.:	158833
Chemical Name:	2H-1,2,4-Benzothiadiazine-7-sulfonamide, 3-bicyclo[2.2.1]hept-5-en-2-yl-6-chloro-3,4-dihydro-, 1,1-dioxide

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:	$C_{14}H_{16}ClN_3O_4S_2$		
Molecular Weight:	**389.88**		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month

Chemical Structure:



ANALYTICAL DATA

Appearance:	White to off-white (Solid)
^{1}H NMR Spectrum:	Consistent with structure
LCMS:	Consistent with structure
Purity (LCMS):	**98.78%**
Conclusion:	The product has been tested and complies with the given specifications.

Caution: Product has not been fully validated for medical applications. For research use only.

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