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TYPICAL ANALYSIS / SPECIFICATION

PRODUCT : HYDROCHLOROTHIAZIDE
SHELF LIFE : FOUR YEARS SUBJECT TO CORRECT STORAGE

Test	Specification	Result
Characteristics	A white or almost white crystalline powder	White crystalline powder
Identification	It accords with tests B and D	Pass
Light absorbtion		Conforms
Acidity or alkalinity		0.22 ml
Chloride		<0.01%
Selenium		<0.003%
Related substances		
a) any peak		<0.5%
b) sum of peak		<1.0%
Heavy metals	≤0.001	<0.001%
Loss on drying	≤0.5	0.23%
Residue on ignition		0.072%
4-amino-6-chloro-1.3-benzenedisulfonamide		0.32%
Organic volatile impurities		Conforms
Assay	99.0 – 101.0%	99.89%

Conclusion: It accords with BP2002 / USP27