

TECHNICAL SPECIFICATIONS

CYCLAMIC ACID E - 952

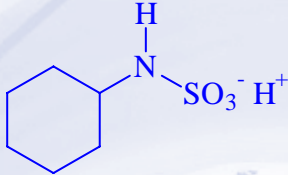
Product Code : 1211 (boxes 25 kg); 1212 (drums 25 kg); 1213 (drums 50 kg); 1215 (big bags 500 kg); 1217 (big bags 1.000 kg).

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CHARACTERISTIC	SPECIFICATION	METHOD
Formula	$C_6H_{13}NO_3S$	
Chemical name	N-cyclohexylsulphamic acid.	
		
Molecular weight	179,24	
Aspect	Odourless white crystalline powder.	
Taste	Lemon sour sweet taste.	
Solution 10% in water:	Clear and colourless.	
Identification	I. R. spectrophotometry.	
Solubility	Soluble in water and in ethanol.	
Water	< 1,0%	PRO.134
Assay	98,0 – 102,0 %	PRO.117
Solution 10% in isopropanol.	Practically clear; colourless, no insoluble haze.	

CHARACTERISTIC	SPECIFICATION	METHOD
Absorbance at 270 nm	< 0,1 %	Eur. Ph.
Sulphated ash	< 0,3 %	Eur. Ph.
Sulphates	< 1.000 ppm	Eur. Ph.
Heavy metals (as lead)	< 10 ppm	Eur. Ph.
Lead	< 1 ppm	ICP-MS
Selenium	< 30 ppm	ICP-MS
Arsenic	< 3 ppm	ICP-MS
Cyclohexylamine	< 10 ppm	Eur. Ph.
NN-dicyclohexylamine	< 1 ppm	Eur. Ph.
NN'-dicyclohexylsulfamide	< 1 ppm	Eur. Ph.
Aniline	< 1 ppm	Eur. Ph.
Sulphamic acid	< 1.000 ppm	Eur. Ph.
Microbiology		Eur. Ph.
Total aerobic bacteria	< 100 cfu/g	
Total coliform bacteria	Absence / 0,1 g	
Salmonella spp.	Absence / 25 g	
Moulds and yeasts	< 100 cfu/g	
Residual solvents:		Eur. Ph.
Xylene	< 1 ppm	
Shelf life	5 years	

PURITY Conform to the Regulation (EU) 231/2012.

USE: FOOD and DRINKS, according to the Regulation (EU) 1333/2008, Regulation (EU) 1129/2011, and subsequent modifications. PHARMACY, according to European Pharmacopoeia 7th edition. Any other applicable regulation must be observed.