

## TECHNICAL SPECIFICATIONS

### SODIUM CYCLAMATE HYDRATED

Sweetener for food E-952

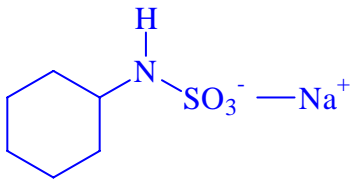
**Product Code :** 1121 (boxes 25 kg); 1123 (drums 50 kg); 1125 (big bags 500 kg); 1127 (big bags 1.000 kg).

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CHARACTERISTIC	SPECIFICATION	METHOD
Formula	C <sub>6</sub> H <sub>12</sub> NSO <sub>3</sub> Na  	
Chemical name	Sodium N-cyclohexylsulphamate.	
Relative molecular mass	237,2 (di hydrated form)	
Aspect	White odourless micro crystals.	
Taste	Very sweet.	
Appearance of solution	Clear and colourless.	Eur. Ph.
Identification	A. I. R. spectrophotometry. B. Reaction of sodium.	Eur. Ph.
Solubility	Soluble in water, 20% at 20°C and 90% at 80°C; 4% propylene glycol. Slightly soluble in alcohol, practically insoluble in chloroform and ether.	
Loss on drying	< 15 %	PRO.27
Assay (dry basis)	98,5 – 101,0%	PRO.28
pH (solution 10% in water)	5,5 – 7,5	Eur. Ph.
Absorbance at 270 nm	< 0,1	Eur. Ph.

CHARACTERISTIC	SPECIFICATION	METHOD
Sulphates	< 1.000 ppm	Eur. Ph.
Heavy metals (as lead)	< 10 ppm	Eur. Ph.
Lead	< 1 ppm	Eur. Ph.
Selenium	< 30 ppm	Eur. Ph.
Arsenic	< 3 ppm	Eur. Ph.
( <sup>1</sup> ) Cyclohexylamine	< 8 ppm ( <i>Eur. Ph. &lt; 10 ppm</i> )	Eur. Ph.
( <sup>1</sup> ) N,N-dicyclohexylamine	< 0,5 ppm ( <i>Eur. Ph. &lt; 1 ppm</i> )	Eur. Ph.
( <sup>1</sup> ) N,N'-dicyclohexylsulfamide	< 1 ppm ( <i>Not limited by Eur. Ph.</i> )	Eur. Ph.
( <sup>1</sup> ) Aniline	< 0,5 ppm ( <i>Eur. Ph. &lt; 1 ppm</i> )	Eur. Ph.
Sulphamic acid	< 1.000 ppm	Eur. Ph.
( <sup>1</sup> ) Microbiology Total aerobic mesophilic bacteria Total coliform bacteria Salmonella spp. Mould and yeast	( <i>Not limited by Eur. Ph.</i> ) < 100 cfu/g Absence / 0,1 g Absence / 25 g < 100 cfu/g	Eur. Ph.
( <sup>1</sup> ) Residual solvents: Xylene	( <i>Eur. Ph. &lt; 2.170 ppm</i> ) < 1 ppm	Eur. Ph.
Shelf life	5 years	

(<sup>1</sup>) *European Pharmacopoeia: no limit / upper limit.*

USE: FOOD and DRINKS according to the European Directive 94/35/EC. PHARMACY according to European Pharmacopoeia 7<sup>th</sup> edition. Any other applicable regulation must be observed.

PURITY conform to European Directive 2008/60/EC and European Pharmacopoeia 7<sup>th</sup> edition.