productos aditivos since 1929

Sweeteners Fortification premixes Flavours

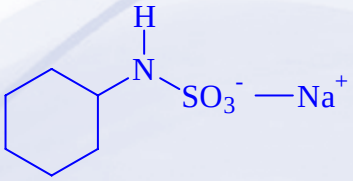
TECHNICAL SPECIFICATIONS

SODIUM CYCLAMATE ANHYDROUS

Sweetener for food E-952

Product Code : 1021 *(boxes 25 kg);* ***1023*** *(drums 50 kg);* ***1025*** *(big bags 500 kg);* ***1027*** *(big bags 1.000 kg).*

Issued*:* February 03 ***Version****:* 11 (10/02/2012)

CHARACTERISTIC	SPECIFICATION	METHOD
Formula	$C_6H_{12}NSO_3Na$ 	
Chemical name	Sodium N-cyclohexylsulphamate.	
Relative molecular mass	201,2	
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 20ºC and 90% at 80ºC; 4% propylene glycol. Slightly soluble in alcohol, practically insoluble in chloroform and ether.	
Loss on drying	< 1 %	PRO.27
Content	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.

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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.
(1) Cyclohexylamine	< 8 ppm (Eur. Ph. < 10 ppm)	Eur. Ph.
(1) N,N-dicyclohexylamine	< 0,5 ppm (Eur. Ph. < 1 ppm)	Eur. Ph.
(1) N,N´-dicyclohexylsulfamide	< 1 ppm (Not limited by Eur. Ph.)	Eur. Ph.
(1) Aniline	< 0,5 ppm (Eur. Ph. < 1 ppm)	Eur. Ph.
Sulphamic acid	< 1.000 ppm	Eur. Ph.
(1)Microbiology Total aerobic mesophilic bacteria Total coliform bacteria Salmonella spp. Mould and yeast	(Not limited by Eur. Ph.) < 100 cfu/g Absence / 0,1 g Absence / 25 g < 100 cfu/g	Eur. Ph.
(1) Residual solvents: Xylene	(Eur. Ph. < 2.170 ppm) < 1 ppm	Eur. Ph.
Shelf life	Five years	

(1) European Pharmacopoeia: no limit / upper limit.

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.

PURITY conform to Regulation (EU) 231/2012 and European Pharmacopoeia 7th edition.