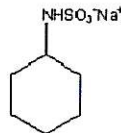


## TECHNICAL SPECIFICATIONS

### SODIUM CYCLAMATE ANHYDROUS E – 952

**Formula:**



Natrium-Cyclamat

**E 952**  
**CAS 139-05-9**  
**EINECS 205-348-9**

<b>Chemical Name:</b>	Sodium N-cyclohexylsulfamate
<b>Relative Molecular Mass</b>	201.2
<b>Aspect:</b>	White odourless micro crystals
<b>Taste:</b>	Very sweet
<b>Appearance of Solution:</b>	Clear and colourless
<b>Identification:</b>	A. I.R. spectrophotometry. B. Reaction of sodium
<b>Solubility:</b>	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
<b>Loss on Drying:</b>	< 1 %
<b>Content:</b>	98.5 – 101.0 %
<b>pH (Solution 10 % in Water):</b>	5.5 – 7.5
<b>Absorbance at 270 nm:</b>	< 0.1
<b>Sulphates:</b>	< 1.000 ppm

**Specification SODIUM CYCLAMATE ANHYDROUS E - 952**

<b>Heavy Metals (as Lead):</b>	< 10 ppm
<b>Lead:</b>	< 1 ppm
<b>Selenium:</b>	< 30 ppm
<b>Arsenic:</b>	< 3 ppm
<b>(1) Cyclohexylamine:</b>	< 8 ppm (Eur.Ph. < 10 ppm)
<b>(1) N, N-dicyclohexylamine:</b>	< 0.5 ppm (Eur.Ph. < 1 ppm)
<b>(1) N, N'-dicyclohexylsulfamide:</b>	< 1 ppm (Not limited by Eur.Ph.)
<b>(1) Aniline:</b>	< 0.5 ppm (Eur.Ph. < 1ppm)
<b>Sulphamic Acid:</b>	< 1000 ppm
<b>(1) Microbiology:</b>	(Not limited by Eur.Ph.)
<b>Total Aerobic Mesophilic Bacteria:</b>	< 100 cfu/g
<b>Total Coliform Bacteria:</b>	Absence / 0.1 g
<b>Salmonella spp.:</b>	Absence / 25 g
<b>Mould and Yeast:</b>	< 100 cfu/g
<b>(1) Residual Solvents:</b>	(Eur.Ph. < 2170 ppm)
<b>Xylene:</b>	< 1 ppm
<b>Shelf life:</b>	Five Years
<b>(1) European Pharmacopoeia:</b>	no limit / upper limit

PURITY conform to European Pharmacopoeia 5<sup>th</sup> edition (2005), and European Directive 95/31/EC

USE according to the European Directive 94/35/CE and subsequent modifications, and any other applicable regulations.