

# euronutra D-chiro-inositol <sup>TM</sup>

rev.1.0 04/10

## Technical Specification.

Common name:	D-chiro-inositol
Synonym:	cis-1,2,4-trans-3,5,6-cyclohexanehexol
CAS No:	643-12-9
EINECS No:	211-394-0
Formula:	C <sub>6</sub> H <sub>12</sub> O <sub>6</sub>
Molecular mass:	180.16
Melting range:	ca. 230 °C
Appearance:	white to off-white fine-crystalline powder

## Specification.

▪ Assay <sup>*</sup>	% d.m.	min. 98.0
▪ Reducing sugars <sup>*</sup>	% d.m.	≤1.0
▪ Other inositols <sup>*</sup>	% d.m.	≤1.0
▪ Loss on drying	%.	≤ 2.0
▪ Lead	mg/kg.	≤ 3.0
▪ Mercury	mg/kg.	≤ 0.1
▪ Total plate count	cfu/1g.	≤ 1x10 <sup>4</sup>
▪ <i>E. coli</i>	cfu/1g.	absent
▪ <i>Listeria monocytogenes</i>	cfu/25g.	absent

<sup>\*</sup> based on dry matter by HPLC

## Standard packaging.

Kegs of 2 and 5kg, accomplish with FDA food contact regulation CFR 21, Plastics Directive 2002/72/EC and Directive 2004/19/EC.

## Storage and expiration.

Store the product under cool and dry conditions.

Best consumption before two (2) years since production date for unopened original packaging.

## Quality control

This information is based on typical analytical data for our products. It is intended to provide general information on our products and their properties and is based on our present state of knowledge but must not be construed as guaranteeing specific properties of the products described herein or their suitability for any application described. The user is solely responsible for compliance with the existing approvals in the country of use. It is also in the sole responsibility of the user to investigate whether existing patents are infringed by the use of the materials described herein. Adequate quality of our products is guaranteed under our General Conditions of Sales.