



135 Newbury Street, Framingham, MA 01701

(800) 238-0001 (508) 270-1800 FAX (508) 872-1566

Website: www.aicma.com Email: info@aicma.com

Specification Sheet

CALCIUM SACCHARATE USP (Calcium D-Glucarate)

Code No.	SCN No.	CAS No.	Effective Date	Product Manager	Rev. No.	Approved By
CDSGIP	2998	5793-89-5	March 5, 2012	MDS	No. 3	MPR

CHARACTERISTICS:	A white odorless powder
-------------------------	-------------------------

MOLECULAR FORMULA:	$C_6H_8CaO_8 \cdot 4H_2O$
---------------------------	---------------------------

MOLECULAR WEIGHT:	320.26
--------------------------	--------

SPECIFICATIONS:	Identification	
	A. Calcium	To pass test
	B. Infrared absorption	To pass test
	Assay (by complexometric titration)	98.5-102.0%
	Calcium	12.3-12.74%
	Specific rotation	+18.5° to +22.5°
	Heavy metals	Not more than 20 ppm
	Sulphate	Not more than 0.12%
	Chloride	Not more than 0.07%
	Sucrose and reducing sugars	To pass test
Residual solvents	No solvents used	

STOCKING POINTS:	Dallas, TX
-------------------------	------------

PACKAGING:	25 kg HDPE drum
-------------------	-----------------

APPLICATIONS:	Nutritional food supplements
----------------------	------------------------------

SHELF LIFE AND STORAGE INSTRUCTIONS:	Material should be re-tested against the certificate of analysis three years from the date of manufacture and stored in well-closed containers in a dry location at ambient room temperature of ~20°C.
---	--

OTHER:	The manufacturing site is ISO 9000-2004, ISO 14000-2006, WHO cGMP, HACCP; Kosher, Halal certified and has achieved a COS issued by the EDQM. It is certified by NQA to the requirement of HACCP under the Codex Alimentarius. It is a member of the Global Alliance for Improved Nutrition (GAIN), and supports the UNGC, which encourages businesses worldwide to adopt sustainable and socially responsible policies. Global Calcium's plant is self powered by wind energy generating 100% of their energy needs.
---------------	--