



American International Chemical, Inc.

Corporate Offices: (800) 238-0001

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

SPECIFICATION SHEET

POTASSIUM CITRATE USP FCC

Code No.	SCN No.	CAS No.	Effective Date	Product Manager	Rev. No.	Approved By
PCIGIC	2998	6100-05-6	February 17, 2011	JP	No. 1	CDS

CHARACTERISTICS:	Odorless, white fine crystals, which are deliquescent when exposed to air. One gram dissolves in 0.5 ml of water and is insoluble in alcohol. Also known as Tri-Potassium Citrate Monohydrate. Contains 35.6% to 39.0% Potassium. Material is approximately 80% between a 40 to 80 mesh.
-------------------------	--

SPECIFICATIONS:	Identification	To pass test
	Assay (after drying)	99.0-100.5%
	Alkalinity	To pass test
	Heavy metals	10 ppm max.
	Lead	1 ppm max.
	Loss on drying	3.0-6.0%
	Tartrate	To pass test
	Residual solvents	Meets requirements

STOCKING POINTS:	Carson, CA; Farmingdale, NJ
-------------------------	-----------------------------

PACKAGING:	Various packaging combinations are available depending upon customer requirements. Standard packaging is 25 kg fiber drums with inner HMHDPE liners.
-------------------	--

APPLICATIONS:	Used in foods as a buffer, sequestrant, stabilizer, and nutritional supplement
----------------------	--

SPECIAL STORAGE INSTRUCTIONS:	Store in well closed container in dry location at ambient room temperature (~ 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.
---------------	--

SHELF LIFE:	Material should be re-tested against certificate of analysis three years from date of manufacture.
--------------------	--