



American International Chemical, Inc.

Corporate Offices: (800) 238-0001

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

SPECIFICATION SHEET

CALCIUM CARBONATE USP/FCC POWDER (ACALA™)*

Code No.	SCN No.	CAS No.	Effective Date	Product Manager	Rev. No.	Approved By
CCA13S CCA23S CCA230 CCA530 CCA730	-	417-34-1	August 2, 2011	MDS	Original	MPR

CHARACTERISTICS:	Acala™ is a precipitated Calcium Carbonate. It is a fine white odorless, tasteless powder, that is stable in air, and it is practically insoluble in water and in alcohol. *See particle size per code below.
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SPECIFICATIONS:			
Assay		98.0 – 100.5%	
Identification		To pass test	
Loss on Drying		0.2% max.	
Acid-insoluble substances		0.1% max.	
Fluoride		0.005% max.	
Arsenic		3 ppm max.	
Barium		To pass test	
Lead		300 ppb max.(0.30ppm)	
Iron		0.02% max	
Mercury		0.5µg/g	
Cadmium (Imery)		0.1 ppm max.	
Limit of magnesium and alkali salts		0.09% max.	
Heavy Metals		0.002% max.	
Residual Solvents		Meets requirements	
% on 325 Mesh		Median particle Size	Tapped Density
*CCA13S	0.02%	1.8µ	0.5g/cc
*CCA23S	0.01%	2.3µ	0.55g/cc
*CCA230	0.002%	2.5µ	0.62g/cc
*CCA530	0.002%	5.0µ	0.90g/cc
*CCA730	0.003%	7.0µ	0.97g/cc

PACKAGING:	1200 kg, 500 kg, 25 kg bags, (50/pallet)
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APPLICATIONS:	Fortification for functional foods and beverages such as cereals, baked goods, flour, dry food mixes, candies and other confectionaries. Used in chewing gums as dusting agent. Toothpaste as an abrasive. Mineral in pet foods. Pharma as an antacid.
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SHELF LIFE AND STORAGE INSTRUCTIONS:	<p><u>Acala does not have an expiration date and does not have a shelf life.</u> This packaged product will arrive at the customer's location in various configurations which may specify a pallet type, slip-sheet between pallet and bagged product, and various types of wrapping. The specification properties do not change with storage under the proper conditions. Since the proper method of storage is important, we recommend the following storage practices: Storage facility is clean, dry, sanitary, of sound construction, well ventilated and able to prevent the entrance of dust, dirt, insects, birds, rodents, cats, dogs, and other animals..</p>
OTHER:	<p>Kosher; ISO 9001:2008; WHO HACCP certified Under 7CFR 205:605 may be used as an ingredient in or on processed products labeled "organic" or "made with organic". See Regulatory Support Package. Because the PCC has more surface area than a GCC of corresponding particle size, the PCC will be more reactive, therefore, more soluble.</p>