



HEALTH & NUTRITION

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PRODUCT DATA SHEET

HuberCal® CCG 44XX USP
Calcium Carbonate Granulation

CHEMICAL IDENTITY: Calcium Carbonate USP, Maltodextrin and Acacia Gum

CAS NUMBERS: 471-34-1, 9050-36-6 and 9000-01-5

HUBER MANUFACTURING FACILITY: Quincy, IL

DESCRIPTION: A directly compressible product compounded with Calcium Carbonate USP, Maltodextrin IP (Identity Preserved) and Acacia Gum. The product contains no added sugar, salt, preservatives, color, flavors, or milk byproducts.

PHYSICAL / ANALYTICAL / MICROBIOLOGICAL PROPERTIES	UNIT OF MEASURE	SPECIFICATIONS	TEST	METHOD
Appearance	Attribute	White-Off White, Free-flowing granules	--	Visual
Calcium	%	NLT 37.0	--	USP
Calcium Carbonate	%	NLT 92.4	--	USP
Magnesium and Alkali Salts*	%	NMT 1.0	--	USP
Acid Insolubles*	%	NMT 0.2	--	USP
Moisture, Loss on Drying	%	NMT 2.0	105°C	Huber 110.10
Lead	µg/g	NMT 0.25	ICP-MS	Huber 8.819
Arsenic*	µg/g	NMT 1	ICP-MS	Huber 8.819
Fluoride*	µg/g	NMT 50	ISE	USP
Iron*	µg/g	NMT 1000	ICP-OES	Huber 8.811
Barium*	Pass/Fail	Pass	ICP-OES	Huber 8.811
Mercury*	µg/g	NMT 0.5	Hg Analyzer	Huber 25.125
Total Aerobic Count	cfu/g	NMT 1000	10g	USP
Total Combined Yeast & Mold	cfu/g	NMT 100	10g	USP
USP Pathogens (<i>Staphylococcus aureus</i> , <i>Pseudomonas aeruginosa</i> , <i>Salmonella</i> , <i>Escherichia coli</i>)	Absent/Present	Absent	10g	USP

PROPERTIES BASED ON INTERMITTENT TESTING	UNIT OF MEASURE	TYPICAL RESULTS	TEST	METHOD
Bulk Density, Loose	g/cc	0.8-1.2	--	Huber 110.10
Particle Size				
Through 16 Mesh Screen	%	NLT 100	Sieve	Huber 110.10
On 60 Mesh Screen	%	NMT 75	Sieve	Huber 110.10
Through 200 Mesh Screen	%	NMT 15	Sieve	Huber 110.10

* The Calcium Carbonate used in this granulation meets the indicated specifications for calcium carbonate, based on demonstrated process capability and periodic testing following the indicated Standard Evaluation Methods.

Note: "XX" in the product number will vary depending on raw material and packaging type.

Note: Regulatory, Nutritional, Packaging and other pertinent information can be found in the published Dossier or SIDI for this product. This document is available upon request.

Note: Handling Precautions: Avoid dust formation. Provide appropriate exhaust ventilation in places where dust is formed. In case of insufficient ventilation, wear suitable respiratory equipment.

Note: Recommended Storage Conditions: The shelf life of this product sold in powder/dry form is 3 years from the date of manufacture provided the material has been properly stored in cool, dry conditions; unopened containers and no contamination has taken place.

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