



HEALTH & NUTRITION

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## PRODUCT DATA SHEET

# HuberCal® 950 FG

## Calcium Carbonate Powder

**CHEMICAL IDENTITY:** Calcium Carbonate

**CAS NUMBER:** 471-34-1

**HUBER MANUFACTURING FACILITY:** Quincy, IL

Meets the requirements of the current Food Chemicals Codex (FCC) monograph for calcium carbonate.

PHYSICAL / ANALYTICAL / MICROBIOLOGICAL PROPERTIES	UNIT OF MEASURE	SPECIFICATIONS	TEST	METHOD
Appearance	Attribute	White-Off White powder	--	Visual
Identification*	ID	Calcite	XRD	Huber 20.201
Calcium Carbonate	%	98.0 – 100.5	--	FCC
Magnesium and Alkali Salts*	%	NMT 1	--	FCC
Acid Insolubles*	%	NMT 0.2	--	FCC
Moisture, Loss on Drying	%	NMT 2	200°C	FCC
Lead*	µg/g	NMT 0.50	ICP-MS	Huber 8.816
Arsenic*	µg/g	NMT 3	ICP-MS	Huber 8.816
Fluoride*	µg/g	NMT 50	ISE	FCC
Total Aerobic Count	cfu/g	NMT 1000	10g	USP
Total Combined Yeast & Mold	cfu/g	NMT 200	10g	USP
USP Pathogens ( <i>Staphylococcus aureus</i> , <i>Pseudomonas aeruginosa</i> , <i>Salmonella</i> , <i>Escherichia coli</i> )	Absent/Present	Absent	10g	USP
<i>*The product will meet the indicated specifications, based on demonstrated process capability and periodic testing following the indicated Standard Evaluation Methods.</i>				
PROPERTIES BASED ON INTERMITTENT TESTING	UNIT OF MEASURE	TYPICAL RESULTS	TEST	METHOD
Density, Loose	g/cc	0.75	--	Huber 110.10
Bulk Density, Tamped	g/cc	1.1	--	Huber DC410004
Median Particle Size	microns	3.6	X-ray sizing	Huber DP409011
Surface Area	m <sup>2</sup> /g	1.7	BET	Huber 20.231
<i>Note: Regulatory, Nutritional, Packaging and other pertinent information can be found in the published Dossier for this product. This document is available upon request.</i>				
<i>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.</i>				

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