

TECHNICAL DATA SHEET

200 C-T

KEYCEL®

Powdered Cellulose

DESCRIPTION

Basic Material
Appearance

Powdered Cellulose
Fine Creamy White powder

PHYSICAL AND CHEMICAL PROPERTIES

Assay, % Cellulose	97.0 – 102.0
pH (10% Suspension)	5.0 – 7.5
Loss on Drying, %	≤ 7.0
Water Soluble Substances, %	≤ 1.5
Ash (total), %	≤ 0.3
Chloride, %	≤ 0.05
Sulfur, %	≤ 0.01
Heavy Metals, ppm as Lead	≤ 2.0
Bulk Volume, cc/g	2.3 ± 0.3
Shelf Life, years	2 Dry, Room Temperature Conditions

Reference Methods

Internal Test Method
Internal Test Method
Internal Test Method
Internal Test Method
Internal Test Method
Internal Test Method
Internal Test Method
Internal Test Method
Internal Test Method

MICROBIOLOGY

Standard Plate Count / g	≤ 1,000
Yeast and Mold / g	≤ 100
Salmonella / 25 g	Negative
Escherichia coli / 25 g	Negative
Listeria spp./ 25 g	Negative

Reference Methods

AOAC 966.23
AOAC 2014.05
AOAC RI 100201
AOAC 991.14
AOAC RI 030502

PARTICLE SIZE DISTRIBUTION

Mesh:	On 40-Mesh	Thru 100-Mesh	Thru 200-Mesh
Retained:	0%		
Thru		≥ 90%	≥ 70%

REGULATORY COMPLIANCE

Ingredient Declaration:

US - FDA

Canada – Health Canada

Kosher

Halal

GRAS

Powdered Cellulose

Powdered Cellulose

J. RETTENMAIER USA LP



Fibers designed
by Nature
A Member of the JRS Group



16369 US 131 Highway
Schoolcraft, MI 49087

Phone: 1+(269) 679-2340

Toll Free: 1+(877) 895-4099

Web: info@jrsusa.com · www.jrsusa.com

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