

TECHNICAL DATA SHEET

200 C-T

KEYCEL®

Powdered Cellulose

DESCRIPTION

Basic Material: Powdered Cellulose
 Appearance: Fine Creamy White powder

PHYSICAL AND CHEMICAL PROPERTIES

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

MICROBIOLOGY

		Reference Methods
Standard Plate Count / g	≤ 1,000	AOAC 966.23
Yeast and Mold / g	≤ 100	AOAC 2014.05
<i>Salmonella</i> / 25 g	Negative	AOAC RI 100201
<i>Escherichia coli</i> / 25 g	Negative	AOAC 991.14
<i>Listeria spp.</i> / 25 g	Negative	AOAC RI 030502

PARTICLE SIZE DISTRIBUTION

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

REGULATORY COMPLIANCE

Ingredient Declaration:
 US - FDA: Powdered Cellulose
 Canada - Health Canada: Powdered Cellulose
 Kosher
 Halal
 GRAS

J. RETTENMAIER USA LP



Fibers designed by Nature
A Member of the JRS Group



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