



## Calcium Caseinate

### Production Definition:

Spray Dried Calcium Caseinate is a milk protein with a bland flavor and excellent flavor stability. It has high opacity in solution and forms stable colloidal suspensions

### Typical Compositional Range (Percentage)<sup>1</sup>

Protein, as is .....	89.0
Protein, dry basis.....	95.0
Lactose.....	< 1.0
Fat <sup>2</sup> .....	1.8
Ash.....	5.0
Moisture <sup>2</sup> .....	<6.0
pH.....	6.6 – 7.3

### Microbiological Analysis

Total Plate Counts <sup>2</sup> .....	<20,000/g
Coliform <sup>2</sup> .....	<10/g
Salmonella.....	negative
E. coli.....	negative
Yeast & Mold.....	100/g max

### Other Characteristics

Color <sup>2</sup> .....	white to light cream
Flavor <sup>2</sup> .....	clean and pleasing
Particle size.....	Fine, free-flowing powder

### Ingredient Statement

"Calcium Caseinate"

### Production Applications and Functionality

Spray dried Calcium Caseinate is useful in a variety of food, medical nutritional, and pharmaceutical applications where low viscosity and a bland flavor are required.

### Storage & Shipping

Product should be stored and shipped in a cool, dry environment with temperatures below 80°F and relative humidity below 65%. Stocks should be rotated and utilized within 6 to 9 months.

### Packaging

Multiwall kraft bags with polyethylene inner liner or other approved closed container. (i.e. "tote bins," etc)

<sup>1</sup> On an "as is" basis

<sup>2</sup> USDA Grade parameters (7 CFR §58.2705)

\*The information contained herein is, to the best of our knowledge, correct. No warranties, expressed or implied, are made. This information is offered solely for your investigation, verification, and consideration. It is suggested that you evaluate the product prior to use in production.\*