United States Patent [19]

Callison

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[54] **DISPERSION AND NEUTRALIZATION OF ACID CASEIN**

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[51] **Int. Cl.**[4] **C07G 7/00**

[52] **U.S. Cl.** **530/361**

[58] **Field of Search** 530/360, 361

[56] **References Cited**

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[57] **ABSTRACT**

An expedited process for the dispersion and neutralization of acid caseins in the manufacture of liquid caseinate that drastically reduces time and cost variables and allows for in-house production of caseinate. The process comprises the initial addition of a solubilizing agent (i.e. citrate) to an aqueous solution with a temperature of about 120° F. to about 165° F. prior to the addition of casein and a neutralizing agent. This process achieves a pH-perfect, soluble caseinate product in the form of a ready-to-use liquid or powdered caseinate.

15 Claims, No Drawings