Food and Drug Administration, HHS


The additive may be safely used as an antimicrobial agent specific for Listeria monocytogenes (L. monocytogenes) in accordance with the following conditions:

(a) Identity. (1) The additive consists of a mixture of equal proportions of six different individually purified lytic-type (lacking lysogenic activity) bacteriophages (phages) specific against L. monocytogenes.

(2) Each phage is deposited at, and assigned an identifying code by, a scientifically-recognized culture collection center, and is made available to FDA upon request.

(3) The additive is produced from one or more cell cultures of L. monocytogenes in a safe and suitable nutrient medium.

(b) Specifications. (1) The additive achieves a positive lytic result (OD_{600} ≤ 0.06) when tested against any of the following L. monocytogenes isolates available from American Type Culture Collection (ATCC): ATCC 35152 (serogroup 1/2a), ATCC 19118 (serogroup 4b), and ATCC 15313 (serogroup 1/2b).

The analytical method for determining the potency of the additive entitled “Determination of Potency of LMP-