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Certificate of Analysis

Product Name: CowSide II Test

Lot Number: CSII-04-070B Expiration Date: February/2022 Incubation Time for Raw Milk: 3:00 Incubation Time for UHT Milk: 3:20

Order Codes: MI-COWSIDE-II-20 and MI-COWSIDE-II-100

Analysis:

Quality Control Test	Specification	Result
Selectivity (Negative results for negative raw milk and negative UHT milk samples)	Negative results (at least 90% negative with 95% confidence)	Pass
Sensitivity (Positive results for negative raw milk and negative UHT milk samples spiked with antimicrobial drug standards including 3 ppb penicillin G and 100 ppb or 125 ppb sulfamethazine)	Positive results (at least 90% positive with 95% confidence)	Pass
Microscopic Inspection (for spore health and microbial contamination)	Acceptable spore appearance and no microbial contamination	Pass

The Charm CowSide II Test contains *Geobacillus stearothermophilus* var. *calidolactis*.

This product was quality tested and met Charm Sciences' quality control criteria for release for sale including performance and appearance specifications.

Name: David R. Legg
Title: Vice President, Quality Assurance
Date: 04 June 2021

Nothing works like a Charm