D & F Control Systems, Inc.

The premier supplier of milk preservative products and staining dyes supporting the dairy industry

DOMINIQUE DUTSCHER SAS



D & F Control Systems, Inc.
An Advanced Instruments, Inc. Company

www.dfcontrolsystems.com

D & F Control Systems is a global leader in providing safe, simple, and cost-effective milk preservatives and fluorescent staining dyes supporting thousands of milk testing and dairy herd improvement laboratories worldwide. We deliver value to dairy farmers and testing laboratories by manufacturing trusted, reliable products that ensure consistent, accurate analytical test results for somatic cell count and component analysis.

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Broad Spectrum Microtabs® II *tub containing 35,000 tablets*

Broad Spectrum Microtabs® II *dispenser containing 800 tablets*

Bronolab™-W II *liquid preservative, 1 liter bottle*

Glocount™ *ethidium bromide fluorescent dye, 100 tablets*





D & F Milk Preservative Solutions Overview

Ideally, milk samples should be tested immediately after they are taken, but in practice this can rarely be achieved. Our patented preservative solutions are relied upon to ensure sample integrity during transport from the dairy farm to the lab.

Bronolab-W II

Bronolab-W II is a liquid preservative solution containing 18% bronopol. It is used by laboratories preferring the convenience of a liquid preservative for the short-term preservation of milk samples which will be analyzed on infrared and somatic cell count instruments. It is active against bacteria but not yeast and mold. Milk samples must be adequately refrigerated during transportation and storage at the laboratory in order to inhibit the growth of yeast and mold. Bronolab may be included in calibration and control milks at normal laboratory usage levels to obtain maximum system accuracy.

Broad Spectrum Microtabs II

Broad Spectrum Microtabs II is a tablet preservative containing a combination of 8 mg bronopol and 0.3 mg natamycin which inhibits the growth of both bacteria and yeast and mold. Samples preserved with BSM can be held at room temperature (22°-25° C) for at least 14 days without sample degradation. It is an ideal preservative solution for longer-term preservation of milk samples when a short sample analysis turnaround time and refrigerated storage conditions cannot be guaranteed. BSM may be included in calibration and control milks at normal laboratory usage levels to obtain maximum system accuracy.

Bronolab-W II
Features and Benefits

- Effective — Inhibits the growth of bacteria, provides extended shelf life, and reduces lipolysis in milk samples
- Easy to use — 1 (one) drop of Bronolab provides adequate preservation of a 40 mL sample and is instantly soluble
- Safe to use — Compared to potassium dichromate and sodium azide, Bronolab is less irritating to skin, noncarcinogenic, and nonmutagenic
- Noninterfering — Contains a neutralized absorbency system that displays zero interference with infrared test results using normal laboratory techniques
- Long-lasting — 1 (one) liter of Bronolab is enough to preserve approximately 24,000 individual 40 mL milk samples

Broad Spectrum Microtabs II
Features and Benefits

- Effective — Inhibits both bacteria and yeast and mold, provides extended shelf life, and reduces lipolysis in milk samples
- Convenient — Accurate, quick-to-dispense sample dissolves quickly; available in bulk tub and convenient dispenser
- Safe to use — Dispenser eliminates direct handling of product; not irritating to skin, noncarcinogenic, and nonmutagenic
- Noninterfering — Contains a neutralized absorbency system that displays zero interference with infrared test results using normal laboratory techniques
- Long-lasting — BSM has a 4-year shelf life; 1 (one) tablet is enough to preserve a 40 mL milk sample

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Glocount

ABOUT ADVANCED INSTRUMENTS

Advanced Instruments, Inc. and our subsidiaries, Spiral Biotech, Delta Instruments, D & F Control Systems, and Mart Microbiology, design and manufacture instrumentation for clinical, pharmaceutical, biotechnology, microbiology, and food laboratories around the world. Our products help healthcare companies improve the quality of care and industrial companies enhance quality and productivity.



Glocount is an ethidium bromide fluorescent dye in a tablet formulation used in conjunction with Bentley and Foss electronic somatic cell count instruments. The product was initially developed as a safer alternative for laboratory technicians to use when preparing stock dye solutions. Glocount provides a convenient, accurate, and cost-effective solution for milk testing laboratories doing cell count analysis.

Glocount
Features and Benefits

- Long-lasting — Each bottle of Glocount provides up to 25 liters of working dye solution
- Stable — Glocount has a 4-year shelf life; prepared solution is stable for 90 days
- Fast and accurate — Four (4) tablets make one liter of precisely 0.1% working dye solution; preparation takes minutes
- Cost-effective — Provides a low-cost solution when compared to preformulated ethidium bromide solutions
- Safe and convenient — Tablets minimize the risk of toxic ethidium bromide dust inhalation and eliminate the need to weigh and handle the powder form

D & F Control Systems Products

Part Number	Product Description
711	Glocount — Bottle with 100 tablets, 250 mg/tablet
822	Bronolab-W II Liquid Preservative — 1 liter bottle
953	Broad Spectrum Microtabs-II — Dispenser with 800 tablets
954	Broad Spectrum Microtabs-II — Tub with 35,000 tablets
955	Brotabs* — Tub with 35,000 tablets (Sold only in Canada)
956	Brotabs* — Dispenser with 800 tablets (Sold only in Canada)

*Brotabs are distributed exclusively in Canada.

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D & F Control Systems products are available from a worldwide distributor network. For more information on our products and services or to find your nearest distributor, visit us at www.dfcontrolsystems.com or e-mail us at info@aicompanies.com.

A 24-hour product safety control hotline provides health and safety support for D & F products. For emergency assistance, call 303-739-1110.

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