PasLite Test

for Dairy Products



Product Overview





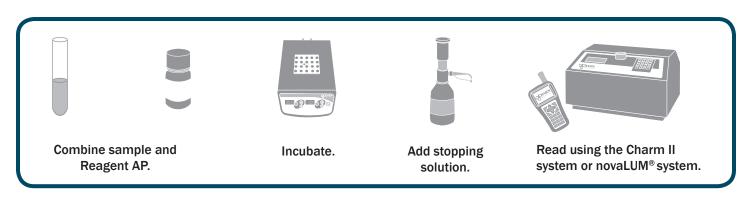
The **PasLite Test** is an internationally accepted method used by dairies and food manufacturers to verify HTST pasteurization for many types of dairy products, including fluid white milk, flavored dairy, non-flavored dairy, and solid/semi-solid dairy, such as cheese and ice cream. The PasLite test verifies the completeness of milk pasteurization by detecting Alkaline Phosphatase. Alkaline Phosphatase is a natural milk enzyme that is destroyed by conventional pasteurization. This makes Alkaline Phosphatase an excellent marker to verify destruction of pathogenic microorganisms in HTST pasteurized dairy products.

PasLite is granted approval by US National Conference of Interstate Milk Shipments (NCIMS), New Zealand Ministry of Agriculture and Forestry (MAF), and Tasmanian Dairy Industry Authority (TDIA).

Benefits of PasLite Test Include:

- Results in 3 minutes
- Fluid whites, creams, flavored milks, cheeses, and more
- Detection Limit: 20 mU/L (approximately 0.002% raw milk)
- Ability to run 6 samples at once
- NCIMS, MAF, and TDIA Approved
- Approved International Standard (ISO 22160/IDF 209)

Simple Procedure







Integration with HARCP _____

| Hazard | Control | CCP | Critical | Target | HARCP | Corrective |
|--|---|--|--|--|---|---|
| Pathogens, e.g. | Measures | Parameters | Limits | Values | Tests | Action |
| Listeria Salmonella Brucella Yersinia E.Coli S. Pyogenes S. Aureus Campylobacter | Correct Design & Operation HTST unit System validation with PasLite when seal broken | Time Temperature Definition EE. Section I, P.M.O. Not applicable at higher temperatures with less than 2 second hold time | Not less than 72 °C or 161 °F for 15 secs Less than 350 mU/L Alkaline Phosphatase | e.g., 73 °C/163 °F for 15 secs 0 to 43 mU/L Alkaline Phosphatase values greater then 100 mU/L should be investigated | Time/Temp/ Flow Rate Record of non-conformance > 350 mU/L PasLite result. | Repasteurize Determine Phosphatase Type: Residual Microbial Reactivated |

Ordering Info _____

| Order Codes | Each Kit Includes |
|---|--|
| PAS-ISO-25K PAS-ISO-100K PAS-ISO-500K | Reagent AP, Stopping Solution, Calibrator Tablets, Microtube Adapter, and Reconstitution Vial with Cap |

See Operator's Manual for additional kits and order codes

