

## Certificate of Analysis

Date: 11/20/18

Catalog Number: 04HPLS

Lot Date: 181118

Product Description: 4 OZ HI-PRO Snap Seal Plain Top

Component Material: Virgin Polypropylene

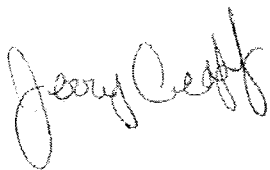
Attribute: Sterility by Process (aseptic)  
120ml +/- 10ml

This product has been sampled in accordance with Standard Operating Procedure and has been release by the Quality Assurance for the following Characteristics.

Test / Procedure	Results
Visual Attributes	PASS
Leak Tested	PASS
Packaging	PASS

Thermo Fisher Scientific – Auburn has a plastic injection molding process we use to make our vials where we claim that our vials are “sterile by process”. When our plastic resin is introduced to the mold via a heated screw, the plastic temperature is above the temperature needed to kill micro-organisms. Although our vials are molded in the open position, a flipper mechanism immediately closes the vial when the mold is opened. Since the vials are not opened until they reach our customer, and they are leak proof and air tight, they remain sterile by process

On this product and other we offer a two year shelf life, from the lot date on the carton.



Jerry Acoff  
Quality Engineering Manager