



Instructions for Use: ATS Mucin, ATS Bone, and ATS Mucin Bone Test Soils

Brand Name of Product	ATS Mucin, ATS Bone, and ATS Mucin Bone Soils
Generic Name of Product	ATS Mucin, ATS Bone, and ATS Mucin Bone Soils
Product Code Number(s)	ATS-M-100ML and ATS-M-500ML; ATS-B-100ML and ATS-B-500ML; ATS-MB-100ML and ATS-MB-500ML
Purpose of Product	<p>ATS-Mucin Soil (ATS-M) has mucin added to ATS - targeted towards ENT instruments.</p> <p>ATS-Bone Soil (ATS-B) has bone particulates added to ATS - targeted towards orthopedic instruments.</p> <p>ATS-Mucin Bone Soil (ATS-MB) has bone particulates and mucin added to ATS - targeted towards orthopedic instruments coming in contact with mucus membranes.</p>
Range of Applications for Product	For simulated use soiling of medical devices for the purpose of conducting cleaning validations and cleaning verifications.
Key specifications of product	<ul style="list-style-type: none"> • 1X Vial with dry test soil component. • Mixture of purified bovine proteins (hemoglobin, albumin), amino acids, vitamins, carbohydrates.

Shipping & Storage

Shipping Conditions & Requirements	
Storage Conditions	<ul style="list-style-type: none"> • Store vials with dry test soil at room temperature. • Use the ATS-M, ATS-B, ATS-MB vials reconstituted with water the same day of hydration.
Packaging Conditions	
Shelf Life	18 months: See imprint.

Instructions for Using Product

Description of Use (s)	
Preparation for Use	
Diagrams (drawings, pictures):	
Steps for Use of Product	<ol style="list-style-type: none"> 1. Add 100ml sterile water for 100ml size bottle or 500ml sterile water for a 500ml size bottle of the soil component. 2. Vortex ~20 to 30 minutes to homogenize the soil. 3. Contaminate the medical device in a manner which reflects real-life soiling from use. <p>Note: In case of microbiological test, add the microbe-suspension after dissolving of the component. To avoid dilution of the test soil, subtract the amount of suspension from the solvent.</p>
Interpretation of Results	
Contraindications of Test Results	
Documentation	
Special Warnings and Cautions	<ul style="list-style-type: none"> • Hazard Information <ul style="list-style-type: none"> ○ May be harmful if ingested or inhaled ○ May cause skin irritation ○ May cause eye irritation ○ May be irritant to mucous membranes and upper respiratory tract • First Aid Measures <ul style="list-style-type: none"> ○ After inhalation: Fresh air. ○ After skin contact: Wash off with plenty of water. Remove contaminated

	<ul style="list-style-type: none"> ○ clothing. ○ After eye contact: Rinse with plenty of water with the eyelid held wide open. Call an Ophthalmologist. ○ After swallowing: Make victim drink plenty of water. Call a physician. ● Accidental release measures <ul style="list-style-type: none"> ○ After spillage. Dilute spilled substance with plenty of water and absorb with absorbent material.
Disposal	Dispose of in accordance with regional and/or national regulations.

Reprocessing Instructions	
Point of use:	
Preparation for decontamination:	
Disassembly Instructions:	
Cleaning – Manual:	
Cleaning – Automated:	
Disinfection:	
Drying:	
Maintenance, inspection, and testing:	
Reassembly Instructions:	
Packaging:	
Sterilization:	
Storage:	
Additional Information:	

Related Healthmark Products	
Other Product Support Documents	
Reference Documents	
Customer Service contact:	Healthmark Industries Company, Inc 33671 Doreka Fraser, MI 48026 1-586-774-7600 healthmark@hmark.com hmark.com