



CERTIFICATE OF MATERIAL ORIGIN

Date: 10-6-19

Revision: 01

Product: HyStem® Products

Supplier	Advanced BioMatrix, Inc.
Supplier Catalog No.	GS310, GS311, GS1004
Supplier Location	California, USA
Name/Grade	HyStem® (Hyaluronic Acid)
Animal Origin (including human)	
-Animal Species	Not applicable
-Tissue Origin	Not applicable
-County of Origin	Not applicable
Non-animal Source of Origin	
-Country of Origin	Czech Republic
Animal Origin Material Adventitious Agent Risk Reduction Steps	Non-animal materials used during the manufacturing process
Method of Manufacturing	Sodium hyaluronate produced by fermentation (Streptococcus zooepidemicus bacterial strain, non-haemolytic) - Non-GMO
Briefly describe Method of Manufacturing	Hyaluronan is a polysaccharide composed of repeating disaccharide units. The hyaluronic acid is produced using fermentation technology followed by downstream purification processes. This hyaluronan product is formulated in a physiologically compatible buffer salt solution and neutral pH.

The above information has been completed by an authorized representative of management and is complete and correct to my knowledge.

President

October 6, 2019

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