



# CERTIFICATE OF MATERIAL ORIGIN

Date: 10-6-19  
Revision: 01

**Product:** HyStem®-HP Products

<b>Supplier</b>	Advanced BioMatrix, Inc.
<b>Supplier Catalog No.</b>	GS314, GS315, GS1006
<b>Supplier Location</b>	California, USA
<b>Name/Grade</b>	HyStem®-HP (Hyaluronic Acid)
<b>Animal Origin (including human)</b>	
-Animal Species	Not applicable
-Tissue Origin	Not applicable
-County of Origin	Not applicable
<b>Non-animal Source of Origin</b>	
-Country of Origin	Czech Republic
<b>Animal Origin Material Adventitious Agent Risk Reduction Steps</b>	Non-animal materials used during the manufacturing process
<b>Method of Manufacturing</b>	Sodium hyaluronate produced by fermentation (Streptococcus zooepidemicus bacterial strain, non-haemolytic) - Non-GMO
<b>Briefly describe Method of Manufacturing</b>	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**

**Corporate Headquarters**  
P.O. Box 502403  
San Diego, CA 92150-2403

(800) 883-8220 (760) 929-0755  
(510) 217-3452 Fax  
[www.advancedbiomatrix.com](http://www.advancedbiomatrix.com)

**Manufacturing Facility**  
5930 Sea Lion Place, Ste. 100  
Carlsbad, CA 92010