



# CERTIFICATE OF MATERIAL ORIGIN

Date: 7/23/2021

Revision: 03

**Product:** Human, Type IV Collagen, Lyophilized

<b>Supplier</b>	Advanced BioMatrix, Inc.
<b>Supplier Catalog No.</b>	5022
<b>Supplier Location</b>	California, USA
<b>Name/Grade</b>	Human, Type IV Collagen, Lyophilized
<b>Animal Origin (including human)</b>	
-Animal Species	Human
-Tissue Origin	Placenta
-County of Origin	United States
<b>Non-animal Source of Origin</b>	
-Country of Origin	Not applicable
<b>Animal Origin Material Adventitious Agent Risk Reduction Steps</b>	Multiple adventitious agent reduction and clearance steps
<b>Method of Manufacturing</b>	Extraction and purification
<b>Briefly describe Method of Manufacturing</b>	This Type IV Collagen is isolated from human placenta and is purified using a multi-step process.
<b>Raw Material Use in Manufacturing</b>	The raw material source for this product was produced or subjected to some non-human processing aids or materials such as animal derived enzymes.
<b>Raw Material Testing</b>	The raw material source for this product is human placenta. The raw material source has been tested for the presence of infectious viruses (HBsAg, HIV-1Ag, Anti-HIV-1/2 and Anti-HCV and syphilis) and found non-reactive. However, no known test method can offer complete assurance of safety. Appropriate safety and personal protective practices should be followed when handling this product. Handle as if potentially infectious.

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

President

July 23, 2021

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