



**Nippi, Incorporated**  
**Biological and Chemical Products Division**

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CERTIFICATE of ANALYSIS

Product Name            iMatrix-511 silk  
Lot No.                    S20B009  
Product No.              892 021

Contents	892 021 : 350 $\mu$ L $\times$ 6 pcs
Solvent	PBS(-)
Date of Manufacture	17 Feb. 2020
Expiration Date	16 Feb. 2022
Manufacturer	Nippi, Incorporated Biological and Chemical Products Division
Issue Date	15 May. 2020

Test Item	Specification	Result
Bacterial Endotoxins Test	No more than 750 EU/mg	< 0.9 EU/mg
Sterility Test	Negative	Negative
Mycoplasma Test (PCR)	Negative	Negative
Purity (SDS-PAGE)	More than 95%	98.5%
Integrin Binding Assay ( $K_d$ )	10 nM or less	0.6 nM
Concentration	500 $\mu$ g/mL ( $\pm$ 10%)	471 $\mu$ g/mL

*Y. Atsu*

15 May. 2020

Yuji Atsuzawa, Quality Manager