



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

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CERTIFICATE of ANALYSIS

Product Name                    iMatrix-511 silk

Lot No.                            S21J014Z

Product No.                    892 021

Contents	892 021 : 350 $\mu$ L $\times$ 6 pcs
Solvent	PBS(-)
Date of Manufacture	13 Sep, 2021
Expiration Date	12 Sep, 2023
Manufacturer	Nippi, Incorporated Biological and Chemical Products Division
Issue Date	01 Mar. 2022

Test Item	Specification	Result
Bacterial Endotoxins Test	No more than 5 EU/mg	< 0.6 EU/mg
Sterility Test	Negative	Negative
Mycoplasma Test (PCR)	Negative	Negative
Purity (SDS-PAGE)	More than 95%	98.9 %
Integrin Binding Assay ( $K_d$ )	1 nM or less	0.5 nM
Concentration	500 $\mu$ g/mL ( $\pm$ 10%)	545 $\mu$ g/mL

Akira Nomura, Division Manager