



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

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CERTIFICATE of ANALYSIS

Product Name                    iMatrix-511 silk

Lot No.                            S22H017

Product No.                    892 021

Contents	892 021 : 350 $\mu$ L $\times$ 6 pcs
Solvent	PBS(-)
Date of Manufacture	29 Aug. 2022
Expiration Date	28 Aug. 2024
Manufacturer	Nippi, Incorporated Biological and Chemical Products Division
Issue Date	21 Aug. 2023

Test Item	Specification	Result
Bacterial Endotoxins Test	No more than 5 EU/mg	< 0.5 EU/mg
Sterility Test	Negative	Negative
Mycoplasma Test (PCR)	Negative	Negative
Purity (SDS-PAGE)	More than 95%	98.9 %
Integrin Binding Assay (K <sub>d</sub> )	1 nM or less	0.3 nM
Concentration	500 $\mu$ g/mL ( $\pm$ 10%)	519 $\mu$ g/mL

Akira Nomura, Division Manager