



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

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CERTIFICATE of ANALYSIS


Product Name                    iMatrix-511 silk

Lot No.                            S22L018

Product No.                    892 021

Contents	892 021 : 350 $\mu$ L $\times$ 6 pcs
Solvent	PBS(-)
Date of Manufacture	12 Dec. 2022
Expiration Date	11 Dec. 2024
Manufacturer	Nippi, Incorporated Biological and Chemical Products Division
Issue Date	27 Feb. 2023

Test Item	Specification	Result
Bacterial Endotoxins Test	No more than 5 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 <sub>d</sub> )	1 nM or less	0.4 nM
Concentration	500 $\mu$ g/mL ( $\pm$ 10%)	524 $\mu$ g/mL

  
Akira Nomura, Division Manager