



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

1-1-1 Senju Midori cho, Adachi, Tokyo 120-8601

Tel. +81-3-3888-5184

E-mail: protein-info@nippi-inc.co.jp

CERTIFICATE of ANALYSIS

Product Name                    iMatrix-511 silk

Lot No.                            S23F019

Product No.                    892 021

Contents	892 021 : 350 $\mu$ L $\times$ 6 pcs
Solvent	PBS(-)
Date of Manufacture	10 Jul. 2023
Expiration Date	09 Jul. 2025
Manufacturer	Nippi, Incorporated Biological and Chemical Products Division
Issue Date	01 Sep. 2023

Test Item	Specification	Result
Bacterial Endotoxins Test	No more than 5 EU/mg	< 1.3 EU/mg
Sterility Test	Negative	Negative
Mycoplasma Test (PCR)	Negative	Negative
Purity (SDS-PAGE)	More than 95%	99.4 %
Integrin Binding Assay (K <sub>d</sub> )	1 nM or less	0.4 nM
Concentration	500 $\mu$ g/mL ( $\pm$ 10%)	518 $\mu$ g/mL

Akira Nomura, Division Manager