



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

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CERTIFICATE of ANALYSIS

Product Name                    iMatrix-511

Lot No.                            23E209

Product No.                    892 011  
    892 012

Contents	892 011 : 350 $\mu$ L $\times$ 2 pcs 892 012 : 350 $\mu$ L $\times$ 6 pcs
Solvent	PBS(-)
Date of Manufacture	31 May 2023
Expiration Date	30 May 2025
Manufacturer	Nippi, Incorporated Biological and Chemical Products Division
Issue Date	05 Jul. 2023

Test	Specification	Result
Bacterial Endotoxins Test	No more than 5 EU/mg	< 1.1 EU/mg
Sterility Test	Negative	Negative
Mycoplasma Test (PCR)	Negative	Negative
Purity (SDS-PAGE)	More than 95%	99.1 %
Integrin Binding Assay ( $K_d$ )	1 nM or less	0.6 nM
Concentration	500 $\mu$ g/mL ( $\pm$ 10%)	519 $\mu$ g/mL

Akira Nomura, Division Manager