



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

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CERTIFICATE of ANALYSIS

Product Name                    iMatrix-511

Lot No.                            22G204

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	14 Jul. 2022
Expiration Date	13 Jul. 2024
Manufacturer	Nippi, Incorporated Biological and Chemical Products Division
Issue Date	22 Aug. 2022

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%	99.6 %
Integrin Binding Assay (K <sub>d</sub> )	1 nM or less	0.3 nM
Concentration	500 $\mu$ g/mL ( $\pm$ 10%)	510 $\mu$ g/mL

Akira Nomura, Division Manager