



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

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CERTIFICATE of ANALYSIS

Product Name                    iMatrix-221

Lot No.                            23G017

Product No.                    892 061  
    892 062

Contents	892 061 : 350 $\mu$ L $\times$ 2 pcs 892 062 : 350 $\mu$ L $\times$ 6 pcs
Solvent	PBS(-)
Date of Manufacture	06 Jul. 2023
Expiration Date	05 Jul. 2025
Manufacturer	Nippi, Incorporated Biological and Chemical Products Division
Issue Date	02 Sep. 2024

Test Item	Specification	Result
Bacterial Endotoxins Test	$\leq$ 5 EU/mg	< 1.3 EU/mg
Sterility Test	Negative	Negative
Mycoplasma Test (PCR)	Negative	Negative
Purity (SDS-PAGE)	$\geq$ 95%	99.5 %
Integrin Binding Assay ( $K_d$ )	$\leq$ 10 nM	0.6 nM
Concentration	500 $\pm$ 50 $\mu$ g/mL	515 $\mu$ g/mL

  
Akira Nomura, Division Manager