



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

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CERTIFICATE of ANALYSIS


Product Name                    iMatrix-221

Lot No.                            25H031

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	29 Aug. 2025
Expiration Date	28 Aug. 2027
Manufacturer	Nippi, Incorporated Biological and Chemical Products Division
Issue Date	20 Apr. 2026

Test Item	Specification	Result
Bacterial Endotoxins Test	$\leq 5$ EU/mg	< 1.9 EU/mg
Sterility Test	Negative	Negative
Mycoplasma Test (PCR)	Negative	Negative
Purity (SDS-PAGE)	$\geq 95\%$	98.7 %
Integrin Binding Assay ( $K_d$ )	$\leq 10$ nM	0.6 nM
Concentration	$500 \pm 50$ $\mu$ g/mL	505 $\mu$ g/mL

  
Akira Nomura, Division Manager