



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

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CERTIFICATE of ANALYSIS

Product Name                      iMatrix-411

Lot No.                                24D013

Product No.                        892 041  
   892 042

Contents	892 041 : 350 $\mu$ L $\times$ 2 pcs 892 042 : 350 $\mu$ L $\times$ 6 pcs
Solvent	PBS(-)
Date of Manufacture	24 Apr. 2024
Expiration Date	23 Apr. 2026
Manufacturer	Nippi, Incorporated Biological and Chemical Products Division
Issue Date	14 Nov. 2024

Test Item	Specification	Result
Bacterial Endotoxins Test	$\leq 5$ EU/mg	$< 1.2$ EU/mg
Sterility Test	Negative	Negative
Mycoplasma Test (PCR)	Negative	Negative
Purity (SDS-PAGE)	$\geq 95\%$	99.8 %
Integrin Binding Assay ( $K_d$ )	$\leq 10$ nM	0.4 nM
Concentration	$500 \pm 50$ $\mu$ g/mL	526 $\mu$ g/mL

  
Akira Nomura, Division Manager