



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

1-1-1 Senju Midori cho, Adachi, Tokyo 120-8601

Tel. +81-3-3888-5184

E-mail: protein-info@nippi-inc.co.jp

CERTIFICATE of ANALYSIS

Product Name            iMatrix-221  
Lot No.                    21D007  
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	23 Apr. 2021
Expiration Date	22 Apr. 2023
Manufacturer	Nippi, Incorporated Biological and Chemical Products Division
Issue Date	17 May 2021

Test Item	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%	96.7 %
Integrin Binding Assay (K <sub>d</sub> )	10 nM or less	0.7 nM
Concentration	500 $\mu$ g/mL ( $\pm$ 10%)	467 $\mu$ g/mL

  
Akira Nomura, Division Manager