



**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.                            22C012

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	15 Mar. 2022
Expiration Date	14 Mar. 2024
Manufacturer	Nippi, Incorporated Biological and Chemical Products Division
Issue Date	11 Apr. 2022

Test Item	Specification	Result
Bacterial Endotoxins Test	No more than 5 EU/mg	< 0.8 EU/mg
Sterility Test	Negative	Negative
Mycoplasma Test (PCR)	Negative	Negative
Purity (SDS-PAGE)	More than 95%	98.6 %
Integrin Binding Assay (K <sub>d</sub> )	10 nM or less	0.7 nM
Concentration	500 $\mu$ g/mL ( $\pm$ 10%)	494 $\mu$ g/mL

Akira Nomura, Division Manager