



**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-511MG  
Lot No.              MG21G099  
Product No.        892 005

Contents	892 005 : 350 $\mu$ L $\times$ 6 pcs
Solvent	PBS(-)
Date of Manufacture	19 Jul. 2021
Expiration Date	18 Jul. 2023
Manufacturer	Nippi, Incorporated Biological and Chemical Products Division
Issue Date	27 Jan. 2022

Test Item	Specification	Result
Bacterial Endotoxins Test	No more than 5 EU/mg	< 0.7 EU/mg
Sterility Test	Negative	Negative
Mycoplasma Test (PCR)	Negative	Negative
Purity (SDS-PAGE)	More than 95%	99.1%
Integrin Binding Assay (K <sub>d</sub> )	1 nM or less	0.5 nM
PLANOVA Integrity Testing	More than 1.40	2.33
Concentration	500 $\mu$ g/mL ( $\pm$ 10%)	506 $\mu$ g/mL

Storage Condition: 2~15°C

*J. Atsu*

27. Jan. 2022

Yuji Atsuzawa, Quality Manager