



**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.             MG23M107  
Product No.        892 005

Contents	892 005 : 350 $\mu$ L $\times$ 6 pcs
Solvent	PBS(-)
Date of Manufacture	04 Dec. 2023
Expiration Date	03 Dec. 2025
Manufacturer	Nippi, Incorporated Biological and Chemical Products Division
Issue Date	13 May 2024

Test Item	Specification	Result
Bacterial Endotoxins Test	No more than 5 EU/mg	< 1.2 EU/mg
Sterility Test	Negative	Negative
Mycoplasma Test (PCR)	Negative	Negative
Purity (SDS-PAGE)	More than 95%	98.8%
Integrin Binding Assay (K <sub>d</sub> )	1 nM or less	0.5 nM
PLANOVA Integrity Testing	More than 1.40	2.19
Concentration	500 $\mu$ g/mL ( $\pm$ 10%)	487 $\mu$ g/mL

Storage Condition: 2~15°C

*J. Atsu*

13 May 2024.

Yuji Atsuzawa, Quality Manager