



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

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**CERTIFICATE of ANALYSIS**

Product Name      iMatrix-511MG  
Lot No.            MG23E105  
Product No.        892 005

Contents	892 005 : 350 $\mu$ L $\times$ 6 pcs
Solvent	PBS(-)
Date of Manufacture	01 May 2023
Expiration Date	30 Apr. 2025
Manufacturer	Nippi, Incorporated Biological and Chemical Products Division
Issue Date	09 Aug. 2023

Test Item	Specification	Result
Bacterial Endotoxins Test	No more than 5 EU/mg	< 1.3 EU/mg
Sterility Test	Negative	Negative
Mycoplasma Test (PCR)	Negative	Negative
Purity (SDS-PAGE)	More than 95%	99.4%
Integrin Binding Assay (K <sub>d</sub> )	1 nM or less	0.4 nM
PLANOVA Integrity Testing	More than 1.40	2.44
Concentration	500 $\mu$ g/mL ( $\pm$ 10%)	510 $\mu$ g/mL

Storage Condition: 2~15°C

*Y. Atsuzawa* 09 Aug. 2023

Yuji Atsuzawa, Quality Manager