



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

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CERTIFICATE of ANALYSIS

Product Name      iMatrix-511MG  
Lot No.              MG24C501  
Product No.        892 005

|                     |  |
|---------------------|--|
| Contents            | 892 005 : 350 $\mu$ L $\times$ 6 pcs                             |
| Solvent             | PBS(-)   |
| Date of Manufacture | 28 Mar. 2024   |
| Expiration Date     | 27 Mar. 2026   |
| Manufacturer        | Nippi, Incorporated<br>Biological and Chemical Products Division |
| Issue Date          | 18 Jun. 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%               | 97.5%                            |
| Integrin Binding Assay<br>(K <sub>d</sub> ) | 1 nM or less                | 0.5 nM                           |
| PLANOVA<br>Integrity Testing                | More than 1.40              | Filter 1: 2.36<br>Filter 2: 2.04 |
| Concentration                               | 500 $\mu$ g/mL ( $\pm$ 10%) | 508 $\mu$ g/mL                   |

Storage Condition: 2~15°C

*Y. Atsu*      18 Jun. 2024

Yuji Atsuzawa, Quality Manager