



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

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**CERTIFICATE of ANALYSIS**

Product Name      iMatrix-221MG  
Lot No.             MG25H032  
Product No.        892 067

|                     |                                                                  |
|---------------------|------------------------------------------------------------------|
| Contents            | 892 067 : 350 $\mu$ L $\times$ 6 pcs                             |
| Solvent             | PBS(-)                                                           |
| Date of Manufacture | 29 Aug. 2025                                                     |
| Expiration Date     | 28 Aug. 2028                                                     |
| Manufacturer        | Nippi, Incorporated<br>Biological and Chemical Products Division |
| Issue Date          | 14 Nov. 2025                                                     |

| Test Item                           | Specification           | Result         |
|-------------------------------------|-------------------------|----------------|
| Bacterial Endotoxins Test           | $\leq 5$ EU/mg          | $< 1.9$ EU/mg  |
| Sterility Test                      | Negative                | Negative       |
| Mycoplasma Test (PCR)               | Negative                | Negative       |
| Purity (SDS-PAGE)                   | $\geq 95\%$             | 98.8%          |
| Integrin Binding Assay<br>( $K_d$ ) | $\leq 10$ nM            | 0.7 nM         |
| PLANOVA<br>Integrity Testing        | $\geq 1.40$             | 2.30           |
| Concentration                       | $500 \pm 50$ $\mu$ g/mL | 514 $\mu$ g/mL |

Storage Condition:  $\leq -15^{\circ}\text{C}$

*Y. Atsu*

14 Nov. 2025

Yuji Atsuzawa, Quality Manager