



Nippi, Incorporated
Biological and Chemical Products Division

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CERTIFICATE of ANALYSIS

Product Name iMatrix-511 silk
Lot No. S20H011
Product No. 892 021

| | |
|---------------------|--|
| Contents | 892 021 : 350 μ L \times 6 pcs |
| Solvent | PBS(-) |
| Date of Manufacture | 07 Sep. 2020 |
| Expiration Date | 06 Sep. 2022 |
| Manufacturer | Nippi, Incorporated Biological and Chemical Products Division |
| Issue Date | 20 Oct. 2020 |

| 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% | 96.0% |
| Integrin Binding Assay (K_d) | 10 nM or less | 0.5 nM |
| Concentration | 500 μ g/mL (\pm 10%) | 494 μ g/mL |

Y. Atsu

20 Oct. 2020

Yuji Atsuzawa, Quality Manager