



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

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CERTIFICATE of ANALYSIS


Product Name                    iMatrix-332

Lot No.                            C23D003

Product No.                    892 031  
    892 032

Contents	892 031 : 350 $\mu$ L $\times$ 2 pcs 892 032 : 350 $\mu$ L $\times$ 6 pcs
Solvent	20 mM phosphate buffer, 500 mM NaCl
Date of Manufacture	25 Apr. 2023
Expiration Date	24 Apr. 2025
Manufacturer	Nippi, Incorporated Biological and Chemical Products Division
Issue Date	05 Oct. 2023

Test	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 90%	99.2 %
Integrin Binding Assay ( $K_d$ )	5 nM or less	3.0 nM
Concentration	500 $\mu$ g /mL( $\pm$ 10%)	498 $\mu$ g/mL

  
Akira Nomura, Division Manager