



CERTIFICATE of ANALYSIS

Product Name            iMatrix-511  
Lot No.                    19G072  
Product No.              892 011  
                                  892 012

Contents	892 011 : 350 $\mu$ L $\times$ 2 pcs 892 012 : 350 $\mu$ L $\times$ 6 pcs
Solvent	PBS(-)
Date of Manufacture	21 Jun. 2019
Expiration Date	20 Jun. 2021
Manufacturer	Nippi, Incorporated Biological and Chemical Products Division
Issue Date	09 Sep. 2019

Test	Specification	Result
Bacterial Endotoxins Test	No more than 750 EU/mg	< 0.9 EU/mg
Sterility Test	Negative	Negative
Mycoplasma Test (PCR)	Negative	Negative
Purity (SDS-PAGE)	More than 95%	96.7%
Integrin Binding Assay (K <sub>d</sub> )	10 nM or less	0.4 nM
Concentration	500 $\mu$ g/mL ( $\pm$ 10%)	505 $\mu$ g/mL

*Y. Atsu*      09. Sep. 2019

Yuji Atsuzawa, Quality Manager