



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

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CERTIFICATE of ANALYSIS

Product Name                    iMatrix-511MG  
Lot No.                            MG19E071  
Product No.                      892 005

Contents	892 005 : 350 $\mu$ L $\times$ 6 pcs
Solvent	PBS(-)
Date of Manufacture	27 May. 2019
Expiration Date	26 May. 2021
Manufacturer	Nippi, Incorporated Biological and Chemical Products Division
Issue Date	25 Oct. 2019

Test Item	Specification	Result
Bacterial Endotoxins Test	No more than 750 EU/mg	< 0.8 EU/mg
Sterility Test	Negative	Negative
Mycoplasma Test (PCR)	Negative	Negative
Purity (SDS-PAGE)	More than 95%	96.5%
Integrin Binding Assay (K <sub>d</sub> )	10 nM or less	0.42 nM
PLANOVA Integrity Testing	More than 1.40	2.19
Concentration	500 $\mu$ g/mL ( $\pm$ 10%)	472 $\mu$ g/mL

Storage Condition: 2~15°C

*Y. Atsu*

25.Oct.2019

Yuji Atsuzawa, Quality Manager