



Nippi, Incorporated
Biological and Chemical Products Division

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CERTIFICATE of ANALYSIS

Product Name iMatrix-511MG

Lot No. MG18G066

Contents	Laminin-511-E8 Fragment 175 µg / 350 µL (in solvent) / tube
Solvent	PBS(-)
Date of Manufacture	20 / Jul / 2018
Expiration Date	19 / Jul / 2020
Manufacturer	Nippi, Incorporated Biological and Chemical Products Division
Issue Date	30 / May / 2019

Test Item	Specification	Result
Bacterial Endotoxins Test	No more than 750 EU/mg	< 0.7 EU/mg
Sterility Test	Negative	Negative
Mycoplasma Test (PCR)	Negative	Negative
Purity (SDS-PAGE)	More than 95%	97.6%
Integrin Binding Assay (K _d)	10 nM or less	0.36 nM
PLANOVA Integrity Testing	More than 1.40	2.36

Y. Atsu

30.May.2019.

Yuji Atsuzawa, Quality Manager