



CERTIFICATE of ANALYSIS

Product Name                    iMatrix-511

Lot No.                            18G065

Contents	Laminin-511-E8 Fragment PBS 175 µg/tube
Date of Manufacture	May 25th, 2018
Expiration Date	May 24th, 2020
Manufacturer	Nippi Incorporated

Test	Specification	Result
Bacterial Endotoxins Test	No more than 750 EU/mg	< 0.4 EU/mg
Sterility Test	Negative	Negative
Mycoplasma Test (PCR)	Negative	Negative
Purity (SDS-PAGE)	More than 95%	98.1 %
Integrin Binding Assay ( $K_d$ )	10 nM or less	0.35 nM

Shunji Hattori, Quality Assurance