



CERTIFICATE of ANALYSIS

Product Name                    iMatrix-511

Lot No.                            17L060

Contents	Laminin-511-E8 Fragment PBS 175 µg/tube
Date of Manufacture	Sep. 08th, 2017
Expiration Date	Sep. 07th, 2019
Manufacturer	Nippi Incorporated

Test	Specification	Result
Bacterial Endotoxins Test	No more than 750 EU/mg	< 14.7 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	0.82 nM

Shunji Hattori, Quality Assurance