



CERTIFICATE of ANALYSIS

Product Name            iMatrix-511 silk

Lot No.                    S18K005

Contents	Laminin-511-E8 Fragment PBS 175 µg/tube
Date of Manufacture	Sep. 19th, 2018
Expiration Date	Sep. 18th, 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%	97.5 %
Integrin Binding Assay ( $K_d$ )	10 nM or less	0.26 nM

Shunji Hattori, Quality Assurance