



CERTIFICATE of ANALYSIS

Product Name                    iMatrix-221

Lot No.                            18M003

Contents	Laminin-221-E8 Fragment PBS 175 µg/tube
Date of Manufacture	Oct. 8th, 2018
Expiration Date	Oct. 7th, 2020
Manufacturer	Nippi Incorporated

Test	Specification	Result
Bacterial Endotoxins Test	No more than 750 EU/mg	< 1.0 EU/mg
Sterility Test	Negative	Negative
Mycoplasma Test (PCR)	Negative	Negative
Purity (SDS-PAGE)	More than 95%	99.3%
Integrin Binding Assay (K <sub>d</sub> )	10 nM or less	0.77 nM

Yuji Atsuzawa, Quality Assurance

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