



MATRIXOME, Inc.
3-2 Yamadaoka, Suita, Osaka 565-0871, Japan
Institute for Protein Research, Osaka University
Contact: <https://matrixome.co.jp/contact>

CERTIFICATE of ANALYSIS

ProductName	perLAM-521
Lot No.	5P24M001
Product No.	101-521 101-522

Contents	101-521: 350 μ L x 2 pcs 101-522: 350 μ L x 6 pcs
Solvent	20 mM phosphate buffer (pH 6.8-7.2), 500 mM NaCl
Date of Manufacture	December 18.2024
Expiration Date	December 17.2027
Manufacturer	MATRIXOME, Inc.
Issue Date	October 28.2025

Test Item*	Specification	Result
Bacterial Endotoxins Test	≤ 50.0 EU/mg	PASS
Sterility Test	Negative	Negative
Mycoplasma Test (Luciferase Assay)	Negative	Negative
Purity (SDS-PAGE)	$\geq 90.0\%$	95.2%
Integrin Binding Assay (Kd)	≤ 10.0 nM	PASS
bFGF Binding Assay (Kd)	≤ 5.0 nM	PASS
Concentration	500 ± 50 μ g/mL	527 μ g/mL

*Test items are JP Pharmacopoeia protocols or any other standardized protocols for our testing.

Taiko Kunieda, QC Testers	Taiko Kunieda
Yasuhiro Shimizu, manufacturing manager.	清水 泰博