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Certificate of Analysis

Product Description: Dipeptidyl Peptidase IV Human_
Catalog Number: SPE02_
Lot: Q5846_

Formula: N/A CAS #: 54249-88-6 Physical Description: Clear, Frozen Liquid	Formula Weight: N/A Storage: -20°C, desiccate
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Test	Specification	Result
Identity Test	Passes	Passes
Source	Human Placenta	Human Placenta
Specific Activity	Report Result (U/mg protein)	8.52 U/mg
Purity	> 95% (by SDS-PAGE)	>95% (by SDS-PAGE)
Concentration	Report Result	0.0264 mg/ml
Buffer	Report Result	13.1 mU in 58.1 ul of 2 mM Tris-HCl, pH 8.0

Prepared from Human Placenta tissue shown to be non-reactive for HBsAg, anti-HCV, anti-HBc and negative for anti-HIV1&2 by FDA required test.

Definition of Activity: One unit of DPP IV is defined as the amount of enzyme that will hydrolyze 1 umole of H-Gly-Pro-PNAC per minute at 25°C, pH 7.8.

Recommended Retest Date: 05/16/2019

01/16/2017 - John Huang, PhD
MP Biomedicals, LLC.
Quality Control Manager

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Technical Service: 1-800-279-5490 (440-337-1200) Customer Service: 1-800-854-0530 (440-337-1200)