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Certificate of Analysis

Product Description: Epidermal Growth Factor, Murine, Tissue Culture Grade
Catalog Number: 160035
Lot: QR12347

Formula: N/A
CAS #: 62229-50-9
Physical Description: White Solid

Formula Weight: 6100
Storage: +4°C, desiccate

Test	Specification	Result
Identity Test	Passes	Passes
Source	Mouse Submaxillary Gland	Mouse Submaxillary Gland
Purity	≥95%	>95%
Lyophilized from	Report Result	0.01M sodium acetate
Expiration Date	Month/Day/Year	06/14/2017

Purification: Purified by a modification of the procedure of Cohen and others. Electrophoretically homogeneous by isoelectric focusing, Malik and Barre strain. Each lot is analyzed via receptor binding, DNA replication (cell culture), and immunologically via RIA.

Reconstitution: The sample should be dissolved in sterile distilled water or a sterile albumin supplemented buffer. Solutions of pure EGF should be aliquoted and lyophilized, while solutions containing albumin may be stored at -20°C.

Protein: 100 ug Determined by Molar extinction coefficient @ 280 nm (1%)=3.1

06/20/2016 - John Huang, PhD
 MP Biomedicals, LLC.
 Quality Control Manager

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