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CERTIFICATE OF ANALYSIS

Catalog #: A66185M-LY **Lot #:** M28374016

Description:: Mouse IgG, Lyophilized
Mouse Immunoglobulin G (IgG), Protein A Purified, Lyophilized Powder

Source: Normal Mouse Serum **DOM:** 10 MAY 2016

Format: Purified, Lyophilized
Reconstitute with deionized water to original concentration.

Purification: Protein A Chromatography **EXP:** 10 MAY 2019
Product is 0.2 µm filtered.

Concentration: 49.5 mg/mL, (OD280nm, $E^{1\%} = 14$) (prior to lyophilization).
Bottle quantity reflects protein weight. Total powder weight is greater.

Buffer: Lyophilized from 10 mM Sodium Phosphate, 150 mM Sodium Chloride, pH 7.2 $\pm$ 0.2.

Preservative: None

Applications: Specific methodologies have not been tested using this product.

QC Information: $\geq$ 95% mouse IgG (SDS PAGE).

Isotype Profile (Binding Site RID kit)

IgG1	11.2%
IgG2a	43.8%
IgG2b	33.9%
IgG3	11.1%

Storage: Store unopened lyophilized product at 2-8°C. Store reconstituted product at -20°C. Avoid multiple freeze/thaw cycles.

Approval: Tammy Wing Date: 19 July 2016

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY.