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## CERTIFICATE OF ANALYSIS

Product **HORSERADISH PEROXIDASE AVIDIN D**

Catalog No. A-2004

Amount 5 mg active conjugate

Lot No. ZG0102

Concentration 5 mg/ml active conjugate in 0.05 M NaHCO<sub>3</sub>, pH 8.2, preservative

Molar ratio of active conjugate

$$\frac{\text{moles of HRP}}{\text{moles of Avidin}} = \underline{1.5}$$

Storage Refrigerate; DO NOT FREEZE

Remarks:

Do not use sodium azide with this product since it is an inhibitor of horseradish peroxidase.

For diluting this product, we recommend a buffered saline solution, approximately pH 7.5. Avoid using RPMI 1640 or other biotin-containing solutions as diluents. Serum also can contain biotin and should not be added to diluents. The recommended concentration range for use is 2-5 µg/ml.