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## CERTIFICATE OF ANALYSIS

Important Note: Centrifuge before opening to ensure complete recovery of vial contents.

**Catalog #:** A01391H **Lot #:** 7E14516

**Description:** Human Osteopontin

Human Osteopontin (OPN)

**Source:** Human Milk

Format: Purified, Liquid

**Purification:** > 95% pure (SDS-PAGE). SDS-PAGE shows bands corresponding to molecular weight of 40 and 60 kDa.

**Concentration:** 1.7 mg/mL (OD280nm,  $E^{0.1\%} = 0.67$ )

**Buffer:** 10 mM Sodium Phosphate Buffer, pH 7.2 containing 150 mM Sodium Chloride.

**Preservative:** 0.1% Sodium Azide

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

**Storage:** Upon receipt, store at -20°C. Avoid multiple freeze/thaw cycles.

**Inactivation:** Not Applicable

Warnings: All human source materials have tested non-reactive for HIV 1/HCV/HBV by NAT, HBsAg, HCV, HIV 1

& 2 antibodies and RPR by currently approved FDA methods. No test guarantees a product to be non-infectious. Therefore, all material derived from human fluids or tissues should be considered as potentially

infectious.

Warnings: This product contains sodium azide, which has been classified as Xn (Harmful) in European Directive

67/548/EEC in the concentration range of 0.1–1.0%. When disposing of this reagent through lead or

copper plumbing, flush with copious volumes of water to prevent azide build-up in drains.

Robert OH

24 May 2016

Date