

## CERTIFICATE OF ANALYSIS

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

**Catalog #:** A07100B **Lot #:** 4A01916

**Description:** Bovine Spleen Extract  
Activities include Ro (SS-A), La (SS-B), Scl-70, Sm, and RNP.

**Source:** Bovine

**Format:** Purified, Lyophilized  
Reconstitute using 1 mL of deionized water. Allow several minutes for dissolution. Vortexing will speed dissolution.

**Purification:** Saline soluble material is extracted from bovine spleens with physiological buffer. Insoluble material is removed by centrifugation and filtration.

**Concentration:** Not Applicable

**Buffer:** Lyophilized from 0.01 M Phosphate, pH 7.2

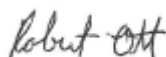
**Preservative:** 0.02% Sodium Azide (prior to lyophilization).

**Application:** The extract is optimized for autoantigen activity in immunodiffusion assays. Each laboratory should determine an optimum working titer for use in its particular application. Other applications have not been tested but use in such assays should not necessarily be excluded.

**Storage:** Store lyophilized product at -20°C. After reconstitution, aliquot and store at <-40°C. Avoid multiple freeze/thaw cycles.

**Inactivation:** Not Applicable

**Warning:** 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.



Signature

19 Jan 2016

Date

**FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY**