

CERTIFICATE OF ANALYSIS

PRODUCT: Human Defibrinated, Delipidized Serum

DESCRIPTION: Normal human plasma collected by plasmapheresis, pooled, defibrinated, delipidized, dialyzed and 0.2 micrometer filtered.

LOT NUMBER(S): 18080572

MANUFACTURE DATE: September 12, 2018

EXPIRATION DATE: September 12, 2023

PRESERVATIVE: None

SOURCE: HUMAN DONOR(S)

STORAGE: ≤ -20° C

CHEMISTRY VALUES

TOTAL PROTEIN:	<u>5.2 g/dL</u>	SODIUM:	<u>114 mEq/L</u>
POTASSIUM:	<u>4.4 mEq/L</u>	CHLORIDE:	<u>91 mEq/L</u>
CALCIUM:	<u>9.7 mg/dL</u>	PHOSPHORUS:	<u>3 mg/dL</u>
CHOLESTEROL:	<u>4 mg/dL</u>	TRIGLYCERIDES:	<u>9 mg/dL</u>
pH:	<u>7.3</u>	BIOBURDEN:	<u>0 CFU/mL</u>

Individual donor units used in the preparation of this product have been tested and found negative by tests for antibodies to HIV 1/2, HCV, HBc, and non-reactive for HBsAg. Pooled samples were found non-reactive for HIV-1 RNA, HBV DNA and HCV RNA by Nucleic Acid Test. All testing performed with kits approved by the FDA. Each donor has been tested and found negative for syphilis according to FDA guidelines.

All donor units were collected at FDA approved donor centers located in the United States.

ALL BLOOD PRODUCTS SHOULD BE HANDLED AND TREATED AS POTENTIALLY INFECTIOUS

Signature: J. Goodman

Print Name: Jennifer Goodman

Date: 8/17/2018

Caution

This material is intended for research or manufacturing use only.
Not for use in humans or for clinical diagnosis.