



ASSOCIATES OF  
**CAPE COD**  
INCORPORATED

Specialists in Endotoxin and Glucan Detection

**CERTIFICATE OF ANALYSIS**  
Standardization of CSE against RSE  
Pyrotell®-T, Kinetic Turbidimetric Method




ACC Internal Control Number: ICQ-0725-062  
Test date: 17 JUL 2025

Reagent	Catalog No.	Lot No.	Expiration Date (YYYY-MM-DD)
Pyrotell®-T	T0051	525-06-033-T	2030-07-03
Control Standard Endotoxin (CSE), 0.5 µg/vial (= 500 ng/vial)	E0005	189	2028-08-15
Reference Standard Endotoxin (RSE)	N/A	H0K354	N/A

<b>Potency of CSE (per ng)</b>	<b>11 EU/ng</b> or 11 IU/ng
<b>Potency of CSE (per vial)</b>	11 EU/ng x 500 ng/vial = <b>5,500 EU/vial</b> or 5,500 IU/vial
<b>Valid range of potency</b>	0.001 – 4.0 EU/mL

If the CSE is reconstituted with 5 mL, the endotoxin concentration will be 1,100 EU/mL.

Further dilution will be required to obtain a CSE concentration of 1,000 EU/mL.

	18 JUL 25
Quality Control	Date
	29 JUL 25
Quality Assurance	Date
	29 Jul 2025
Quality Assurance	Date

**Notes:**

1. The stated potency applies only to the combination of CSE and LAL lots specified on this certificate.
2. The equivalence of the EU and IU is stated in the USP Bacterial Endotoxins Test chapter, <85>, and in the EP Bacterial Endotoxins chapter, 2.6.14.
3. Potency is subject to change within the error of the test at any time.