charles river

CERTIFICATE OF ANALYSIS

VIAL CONTENTS: Endosafe® Control Standard Endotoxin is prepared from *E. coli* strain 055:B5. Each vial contains 500 ng of purified Lipopolysaccharide, freeze dried in a stabilized matrix.

RSE/CSE RATIO: The potency of this standard in Endotoxin units, (EU) has been determined to be 20 EU/ng. For **Gel-clot Technique**.

CSE Lot: EM91483 CSE Exp. Date: Jun 2023

LAL Reagent Lot: N1613L LAL Exp. Date: Dec 2024

RSE Lot: H0K354 RSE/CSE Ratio: 20 EU/ng Vial contents: 10000 EU/vial

Geometric Mean Sensitivity with RSE: 0.03 EU/mL

IS/CSE RATIO: The Expert Committee on Biological Standardization of WHO has assigned a potency of the IS as 10,000 IU per vial of IS, so that 1 IU = 1 EU. The potency of this endotoxin standard in International (Endotoxin) Units, IU, has been designated as 20 IU/ng.

DIRECTIONS FOR USE: Reconstitute the lyophilized material with 5.0 mL of LAL reagent grade water to obtain 2000 EU/mL or 2000 IU/mL. Vortex mix vigorously for at least 5 minutes after rehydration, and for at least 1 minute immediately prior to each use.

STORAGE: Store rehydrated material at 2-8°C for up to 4 weeks. Store lyophilized material at controlled room temperature or refrigerated as preferred. Diluted endotoxin should not be stored except under validated conditions.

CAUTION: DO NOT FREEZE ENDOTOXIN SOLUTIONS

Prepared By: [signature] Date: 28 Dec 2021

Quality Reviewed By: Brooke Martinez Date: 29 Dec 2021