



**Certificate of Inactivation**

**Product:** Irradiated infected cell lysate, Monkeypox virus  
**MPX clade Ib\_USA\_CA\_2024**

**Labeled as:** NR-60448  
Irradiated Monkeypox virus  
MPX clade Ib\_USA\_CA\_2024

**Lot No.:** 70076258

**Prepared at:** Galveston National Laboratory, University of Texas Medical Branch

**Inactivation Method:** Gamma Irradiation, 5Mrad on dry ice

**Inactivated volume:** 100 ml

**Inactivation Date:** 6August2025

**Validation Method:** Material evaluated by 2 x 2 week's tissue culture growth test with frequent CPE evaluation for live virus presence

**Dates of Validation Tests:** Growth Assays 12August to 9September2025

**Validated Volume:** 10% of total volume produced (10 ml)

**Validation Tests Results:** NEGATIVE (no growth detectable from product of viable virus)

**Certifying Laboratory Official:**

  
Thomas G. Ksiazek, D.V.M., Ph.D., Project Leader

22 September2025

Date

Inactivation performed at UTMB. Records reviewed and approved by BEI Resources.

Manasi Tamhankar, PhD  
Virology Team Lead, BEI Resources