

## Certificate of Analysis

Date of Testing: 2022-09-01 16:18:41  
Date of Next Testing: 2026-08-31 16:18:41  
Product Name: **Luciferase from E. coli**  
CAS Number: 61970-00-1  
Specifications & Purity: Recombinant , > 1.0 x 10<sup>9</sup> relative light units (RLU)/mg lyophilizate Specific activity: 1.4 x 10<sup>11</sup> RLU/mg purified protein  
Lot #: H2223461  
SKU #: **L465055**  
Analysis: **109460**  
Storage Temperature: Store at -20°C

| Parameter                            | Limit Values              | Result                      |
|--------------------------------------|---------------------------|-----------------------------|
| Specific activity (Biochemical Test) | > 140000000000 (units/mg) | 300000000000.00018 units/mg |



John Su  
QA & QC Manager