

# Certificate of Analysis

## Compound Information

**Product Name:** D-Luciferin Potassium Salt  
**CAS No.:** 115144-35-9  
**Cat. No.:** G1294080  
**Molecular Formula:**  $C_{11}H_7KN_2O_3S_2$   
**Molecular Weight:** 318.41

## Batch Information

**Batch No.:** 0681253  
**Test Date:** 2025-06-03  
**Report Date:** 2025-06-04  
**Retest Date:** 2030-11-29  
**Storage:** -20°C  
**Origin:** China

## Test Item

| Test             | Specification             | Result                    |
|------------------|---------------------------|---------------------------|
| Purity           | 98%(HPLC)                 | 99.86%                    |
| NMR              | Consistent with structure | Consistent with structure |
| Optical Rotation | -22                       | -20.82                    |

## Conclusion

The product has been tested and complies with the given specifications.

## Signature

Reviewed by :



Reviewed by:



Approved by:

