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-CERTIFICATE OF ANALYSIS-

Product: D-Luciferin potassium salt

Code Number: BIL1800

CAS Number: 115144-35-9

Formula: $C_{11}H_7N_2O_3S_2.K$

Batch Number: AS504289

Appearance: Yellow-green solid

Purity 97% (NMR)

Optical Rotation: -15.643 (C=1,DMF)

Identity: NMR conforms to structure

Verified by: David Parton

Signed: --Digital document, no signature required--