



Certificate of Analysis

Product Name	D-Luciferin Sodium
Catalog No.	V20117
Batch No.	V2011701

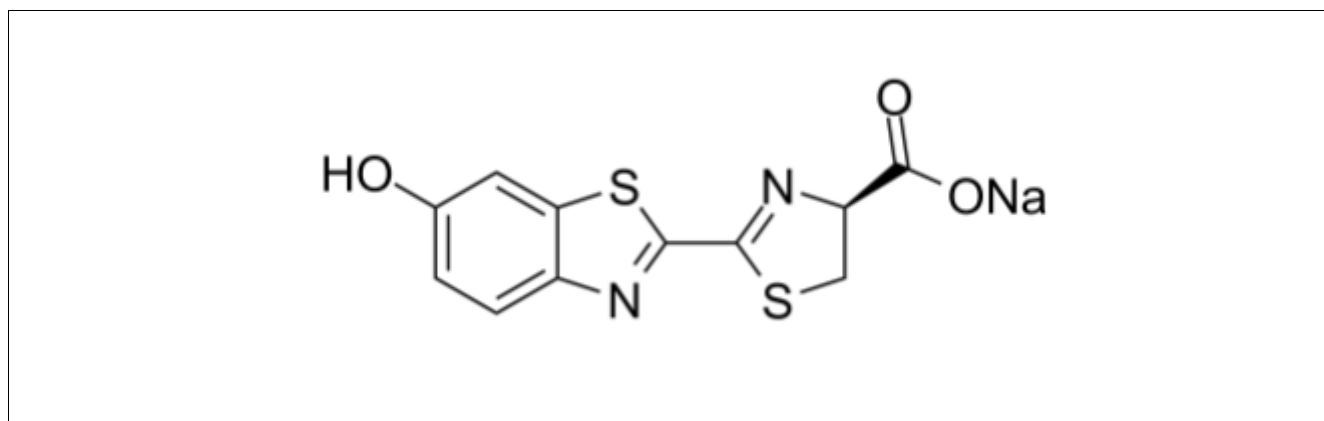
1. Physical and Chemical Properties

Appearance	Powder
Molecular Formula	C ₁₁ H ₇ N ₂ NaO ₃ S ₂
Molecular Weight	302.29
Purity	≥98%
CAS No.	103404-75-7
Production Date	01/14/2021

2. Analytical Data

HPLC	Indicates ≥98% purity
NMR	Consistent with structure
Mass Spectrum	Consistent with structure

3. Structure



4. Storage Condition

Short term storage (weeks)	0 - 4 °C under dry condition for six weeks
Long term storage (months)	-20 °C under dry condition for two years

Products are for research use only • Not for human or veterinary use