



## Certificate of Analysis

<b>Product Name</b>	D-Luciferin Sodium
<b>Catalog No.</b>	V20117
<b>Batch No.</b>	V2011702

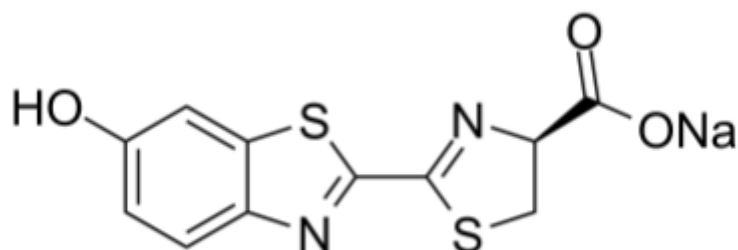
### 1. Physical and Chemical Properties

<b>Appearance</b>	Powder
<b>Molecular Formula</b>	C <sub>11</sub> H <sub>7</sub> N <sub>2</sub> NaO <sub>3</sub> S <sub>2</sub>
<b>Molecular Weight</b>	302.29
<b>Purity</b>	≥98%
<b>CAS No.</b>	103404-75-7
<b>Production Date</b>	05/13/2022

### 2. Analytical Data

<b>HPLC</b>	Indicates ≥98% purity
<b>NMR</b>	Consistent with structure
<b>Mass Spectrum</b>	Consistent with structure

### 3. Structure



### 4. Storage Condition

<b>Short term storage (weeks)</b>	0 - 4 °C under dry condition for six weeks
<b>Long term storage (months)</b>	-20 °C under dry condition for three years

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