

### Certificate of Analysis

Product Name	D-Luciferin potassium
Catalog No.	V20116
Batch No.	V2011601

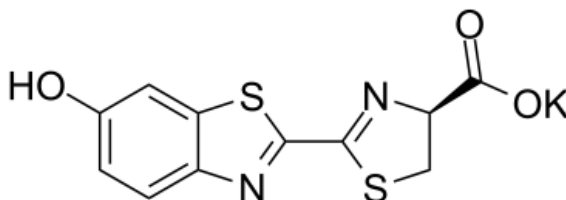
#### 1. Physical and Chemical Properties

Appearance	powder
Molecular Formula	C <sub>11</sub> H <sub>7</sub> KN <sub>2</sub> O <sub>3</sub> S <sub>2</sub>
Molecular Weight	318.4
Purity	=99.24%
CAS No.	115144-35-9
Production Date	2024/07/10

#### 2. Analytical Data

Test Item	Specification	Result
HPLC	≥98%	=99.24%
NMR	Consistent with structure	

#### 3. Structure



#### 4. Storage Condition

Storage Condition	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month
	<b>Note:</b> Please store this product in a sealed and protected environment (e.g. under nitrogen), avoid exposure to moisture and light.		

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