

---

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Specification Sheet

Product Name: **D-Luciferin sodium salt**  
Specifications & Purity: **≥98%**  
SKU #: **D115509**

| Parameter  | Limit Values   |
|--|--|
| Purity(HPLC)   | 98-100 (%)   |
| Water by Karl Fischer  | 0-11 (%)   |
| Nitrogen by Elemental Analysis                               | 9-9.8 (%)  |
| Sodium (Na)(anhydrous)                                       | 7.2-8 (%)  |
| Carbon by Elemental Analysis(anhydrous)                      | 42.8-46.5 (%)  |
| Appearance (D115509)   | Off-white to Grey to Yellow to Dark Yellow powder or solid |
| Proton NMR spectrum  | Conforms to Structure                                      |
| Solubility, Yellow to Green Clear(10mg/mL, H <sub>2</sub> O) | pass   |