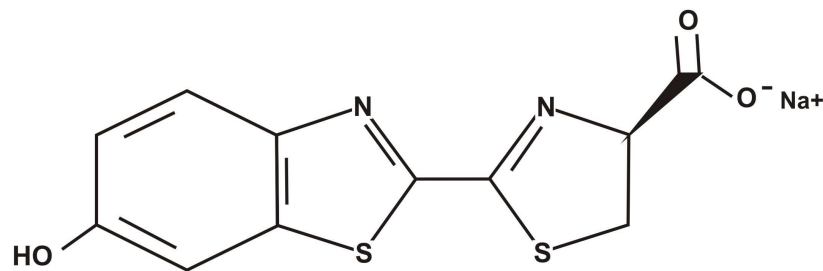


# Data Sheet

**D-Luciferin sodium salt 102131; 102132;102133**

## D-Luciferin sodium salt

|        |       |
|--------|-------|
| 102131 | 100mg |
| 102132 | 500mg |
| 102133 | 1g    |



Chemical name:

D-(-)-2-(6'-hydroxy-2'-benzothiazolyl)-delta-2-thiazolene-4-carboxylic acid, sodium salt

CAS NO: 103404-75-7

MW 302.3

Stocking temp. -20°C, dark and dry

Vacuum dried, packed under argon

Only for laboratory use as material for reagents

Chemical purity: >99% by HPLC

Biochemical performance: 100mg/ml >98% +/- 0.8  
Free ATP: not detectable

Optical purity: >99% by HPLC

Specifications:

- Formular:  $C_{11}H_7N_2NaO_3S_2$
- MP: 203.7°C
- Appearance: White dense powder
- Water content: <0.05%
- Contains 0.05% acetic acid as an antistatic
- ATP, nucleases and proteases not detectable
- Optical purity: >99% by HPLC
- Chemical purity: >99% by HPLC
- Biochem. Perform. >98.5% +/- 0.8 with ATP/Luciferase

PJK GmbH

Elsaesserstr. 51 - 66271 Kleinblittersdorf - Germany

Phone: +49 (0)6805-91 20 22 - Fax: +49 (0)6805- 91 20 24

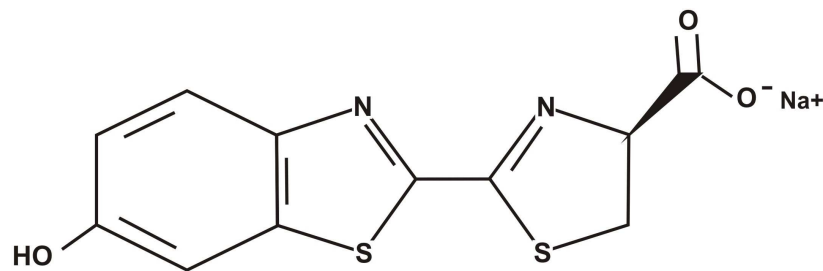
info@pjk-gmbh.com, www.pjk-gmbh.com

# Data Sheet

**D-Luciferin sodium salt 102131; 102132;102133**

## D-Luciferin sodium salt

|        |       |
|--------|-------|
| 102131 | 100mg |
| 102132 | 500mg |
| 102133 | 1g    |



Chemical name:

D-(-)-2-(6'-hydroxy-2'-benzothiazolyl)-delta-2-thiazolene-4-carboxylic acid, sodium salt

CAS NO: 103404-75-7

MW 302.3

Stocking temp. -20°C, dark and dry

Vacuum dried, packed under argon

Only for laboratory use as material for reagents

Chemical purity: >99% by HPLC

Biochemical performance: 100mg/ml >98% +/- 0.8  
Free ATP: not detectable

Optical purity: >99% by HPLC

Specifications:

- Formular:  $C_{11}H_7N_2NaO_3S_2$
- MP: 203.7°C
- Appearance: White dense powder
- Water content: <0.05%
- Contains 0.05% acetic acid as an antistatic
- ATP, nucleases and proteases not detectable
- Optical purity: >99% by HPLC
- Chemical purity: >99% by HPLC
- Biochem. Perform. >98.5% +/- 0.8 with ATP/Luciferase

PJK GmbH

Elsaesserstr. 51 - 66271 Kleinblittersdorf - Germany

Phone: +49 (0)6805-91 20 22 - Fax: +49 (0)6805- 91 20 24

info@pjk-gmbh.com, www.pjk-gmbh.com