

# Certificate of Analysis

## Reference Material & Standard

|                           |                                                          |                          |                                           |
|---------------------------|----------------------------------------------------------|--------------------------|-------------------------------------------|
| <b>Product Name:</b>      | Methyl 6-bromo-4-chloro-7-fluoro-1H-indole-2-carboxylate | <b>Catalogue Number:</b> | CCHM706425                                |
| <b>Synonyms:</b>          | N/A                                                      | <b>Lot Number:</b>       | 0521-SA-7177                              |
| <b>CAS Number:</b>        | 2093388-50-0                                             | <b>Expiry Date:</b>      | May 20, 27                                |
| <b>Molecular Formula:</b> | N/A                                                      | <b>Storage:</b>          | Room Temp Protected from light and Sealed |
| <b>Molecular Weight:</b>  | N/A                                                      |                          |                                           |

**Chemical Structure:** N/A

| Test Items             | Method            | Results                     |
|------------------------|-------------------|-----------------------------|
| <b>Appearance</b>      | Visual inspection | White to light yellow Solid |
| <b>Identification:</b> | LC&HNMR           | Confirmed                   |
| <b>Purity:</b>         | HPLC              | 97.359%                     |
| <b>Uncertainty</b>     |                   | ±2.0%                       |

## Comment:

The uncertainty values are the expanded uncertainty and represent an estimated standard deviation equal to the positive square root of the total variation of the uncertainty of components. A normal distribution is assumed and a coverage factor of K=2 is chosen using approximately a 95% confidence level.

**Signature:**

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Approved by General Manager:

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Date: May 21, 23

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Date: May 21, 23



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## Directions:

1. *Intended use: This product is suitable for identification and quantification of the analyte(s), instrument calibration, method development and quality control in analytical and R&D applications. It is not intended for administration to humans or animals, and shall not be used to diagnose, treat or cure any diseases.*
2. *Minimum sample size: 1mg is recommended as the minimum sample size.*
3. *Metrological traceability: This product meets the requirements of ISO 17034 and is traceable to NMI through an unbroken chain of comparisons.*
4. *Instructions for handling and correct use: Handling in a well-ventilated place.*

## Document Version:

| Revision No. | Date       | Reason for Revision |
|--------------|------------|---------------------|
| 01           | May 21, 23 | First release.      |

