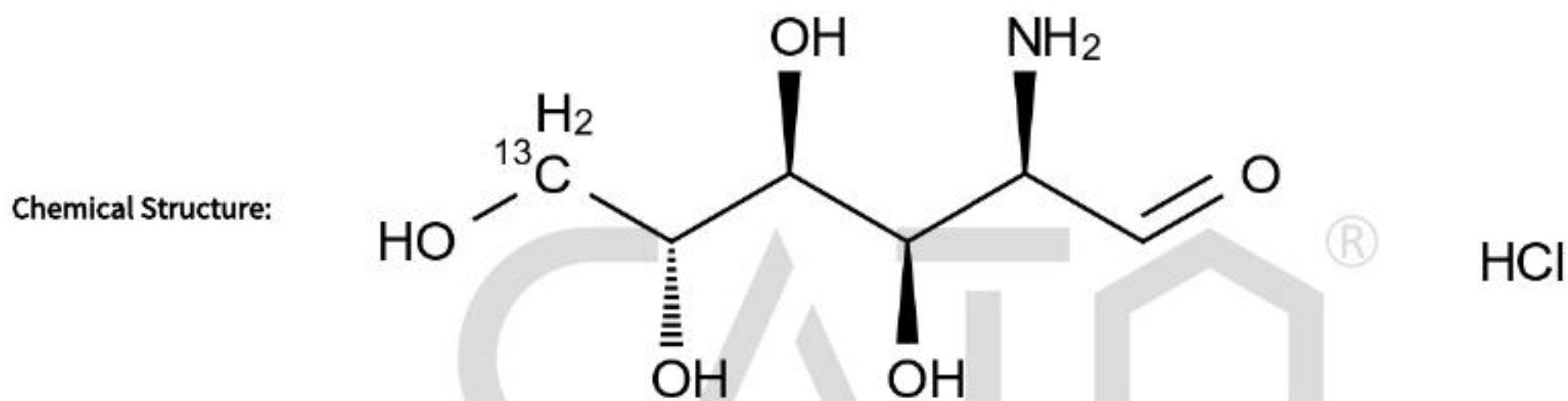


# Certificate of Analysis

## Reference Material & Standard

|                           |                                                                      |                          |                                           |
|---------------------------|----------------------------------------------------------------------|--------------------------|-------------------------------------------|
| <b>Product Name:</b>      | Glucosamine-6-13C hydrochloride                                      | <b>Catalogue Number:</b> | C4X-24172                                 |
| <b>Synonyms:</b>          | N/A                                                                  | <b>Lot Number:</b>       | 0216-SA-7205                              |
| <b>CAS Number:</b>        | N/A                                                                  | <b>Expiry Date:</b>      | Feb 15, 29                                |
| <b>Molecular Formula:</b> | C <sub>5</sub> [ <sup>13</sup> C]H <sub>13</sub> NO <sub>5</sub> HCl | <b>Storage:</b>          | 2°C ~ 8°C Protected from light and Sealed |
| <b>Molecular Weight:</b>  | 180.16 36.46                                                         |                          |                                           |



| Test Items      | Method            | Results                    |
|-----------------|-------------------|----------------------------|
| Appearance      | Visual inspection | White to off-white (Solid) |
| Identification: | LC&HNMR           | Confirmed                  |
| Purity:         | HPLC              | 97.977%                    |

Signature:

Prepared by:

*Lisa*

Reviewed by:

*Yuki*

Approved by General Manager:

*David*

Date: Feb 16, 25

Date: Feb 16, 25

Date: Feb 16, 25



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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           | Feb 16, 25 | First release.      |

