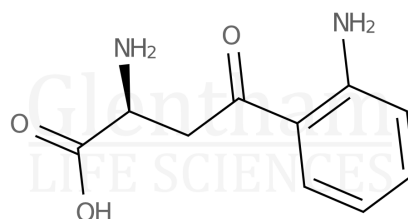


## Certificate of Analysis

|               |              |
|---------------|--------------|
| Product Name  | L-Kynurenine |
| Glentham Code | GM4707       |
| CAS Number    | 2922-83-0    |
| MDL Number    | MFCD00069912 |
| Batch Number  | 463VQZ       |

|                   |                      |
|-------------------|----------------------|
| Molecular Weight  | 208.21               |
| Molecular Formula | $C_{10}H_{12}N_2O_3$ |
| Storage Temp.     | +20°C                |



| Property                                        | Specification                        | Batch 463VQZ        |
|-------------------------------------------------|--------------------------------------|---------------------|
| Physical Description                            | White to yellow or pale brown powder | Light yellow powder |
| Specific Optical Rotation ( $[\alpha]_{20/D}$ ) | -28.0 - -33.0 ° (c=0.4, water)       | -29.7 °             |
| Water                                           | ≤ 5.0%                               | 4.9%                |
| Assay (Titration)                               | ≥ 97.0% (dried basis)                | 101.2%              |

|                       |            |
|-----------------------|------------|
| Specification Version | v1.0       |
| Manufacture Date      | 2020-01-02 |
| Re-Test Date          | 2025-11-04 |

Glentham Life Sciences confirm that the above referenced product conformed to the information displayed in this document on the quality release date. Please check [www.glentham.com](http://www.glentham.com) or contact us using the details above for the current version of this document.

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