Megazyme Building 1,
Bray Business Park,
Bray, Co. Wicklow,
A98 YV29,
Ireland.
Tel: + 353 1 2861220 Fax: + 353 1 2861264

# Certificate of Analysis

**Product:** Pentaacetyl-chitopentaose
**Cat. No:** O-CHI5
**Lot. No:** 240405
**Expiry Date:** N/A

**Parameters:**

| Purity By | Specification | Result |
|---|---|---|
| HPLC | >95% | 95.3% |

This lot meets our specification.

**Signature:** 

**Date:** 02.May.2024

Ciara McLoughlin
Quality Manager

(*as this certificate is a computer printout, it has not been signed or dated by hand*)

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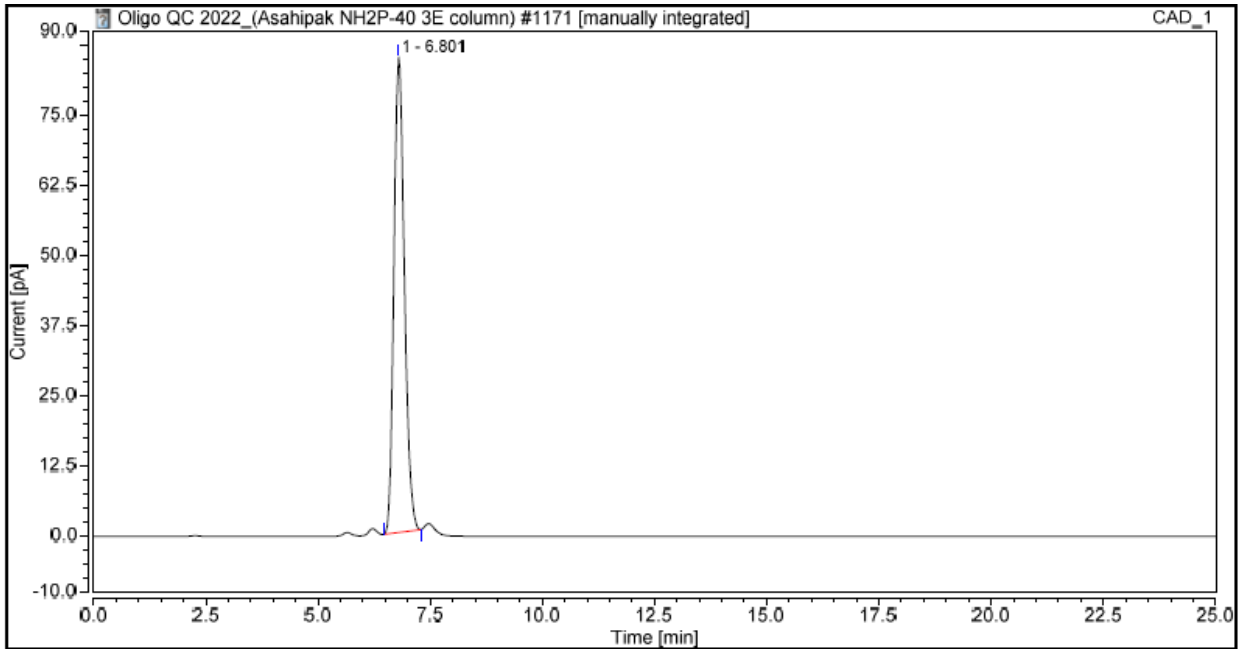
**HPLC:**

Product: O-CHI5, Lot 240405

Column: Shodex Asahipak NH2P-40 3E analytical column
Temperature: 35°C
Flow rate: 0.35 mL/min (Eluent gradient shown below)
Detector: CAD (Charged Aerosol Detector)
HPLC System: Thermofisher U3000 Ultimate and Chromeleon v 7.0 software

| Time (min) | $H_2O$ (%) | $CH_3CN$ (%) |
|---|---|---|
| 0 | 30 | 65 |
| 10 | 35 | 65 |
| 20 | 45 | 55 |
| 22 | 35 | 65 |
| 25 | 35 | 65 |

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