

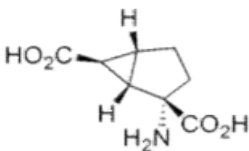
# Certificate of Analysis



## Product Identification

**Catalog number** HB0397  
**Compound name** LY 354740 hydrate  
**Chemical name** (1S,2S,5R,6S)-2-Aminobicyclo[3.1.0]hexane-2,6-dicarboxylic acid

**Batch number** E2385-12-2  
**Batch molecular formula** C<sub>8</sub>H<sub>11</sub>NO<sub>4</sub>·H<sub>2</sub>O  
**Batch molecular weight** 203.19



## Chemical Structure

## Method

## QC requirement

## QC Result

<b>HPLC</b>	Reverse Phase HPLC shows >98% purity	Meets specification: 100%
<b>NMR</b>	<sup>1</sup> H NMR in D <sub>2</sub> O/NaOD at 400 MHz consistent with structure	Meets specification
<b>Mass spectrum</b>	Electrospray positive analysis consistent with structure	Meets specification
<b>Microanalysis</b>	Elemental analysis is within 0.4% for the batch molecular formula	Meets specification
<b>TLC</b>	TLC analysis in 50% NH <sub>3</sub> /IPA shows one spot under KMnO <sub>4</sub>	Meets specification: R <sub>f</sub> =0.7
<b>Physical appearance</b>	White to off-white solid	Meets specification: White solid
<b>Solubility</b>	Soluble in 0.1M NaOH (100 mM)	Meets specification

Produced by

Signature

Passed by

Signature

Date

21/12/2023

This product is for RESEARCH USE ONLY and is not intended for therapeutic or diagnostic use. Not for human or veterinary use.