

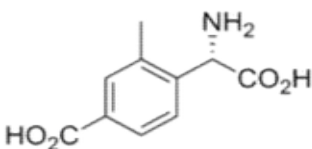
# Certificate of Analysis



## Product Identification

**Catalog number** HB0398  
**Compound name** LY367385  
**Chemical name** (S)-(+)- $\alpha$ -Amino-4-carboxy-2-methylbenzeneacetic acid

**Batch number** E0539-3-1  
**Batch molecular formula** C<sub>10</sub>H<sub>11</sub>NO<sub>4</sub>·0.1H<sub>2</sub>O  
**Batch molecular weight** 211.00



## Chemical Structure

### Method

### QC requirement

### QC Result

<b>HPLC</b>	Chiral HPLC shows >98%	Meets Specification: 99.0%
<b>NMR</b>	<sup>1</sup> H NMR in D <sub>2</sub> O at 400 MHz consistent with structure and shows <1% of any impurity	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 1:1 PAW:BuOH shows one spot with ninhydrin	Meets specification: R <sub>f</sub> =0.40
<b>Physical appearance</b>	White to off-white solid	Meets specification: Off-white solid
<b>Solubility</b>	Soluble in 1M NaOH (100 mM)	Meets specification

## Biological validation

**Produced by** Richard Patterson

Signature

**Passed by** Huw Davies

Signature

Date

09-02-17

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