

## SYNCHEMIA RESEARCH CHEMICAL

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## **CERTIFICATE OF ANALYSIS**

**Product Name:** Mebeverine EP Impurity B

CAS NO: 14367-46-5

Batch No: SRC-106-RP-370

Date of Analysis: 23 June 2023

Retest Date: 23 June 2025

Structure:

Approved By

| Chemical Name<br>Molecular Formula<br>Molecular Weight |                            | (2RS)-N-ethyl-1-(4-methoxyphenyl)propan-2-amine<br>C <sub>12</sub> H <sub>19</sub> NO<br>193.3g/mol |              |         |             |                   |  |
|--|----------------------------|---|--------------|---------|-------------|-------------------|--|
|  |                            |   |              | Sr. No. | Test        | Result            |  |
|  |                            |   |              | 1)      | Description | Low Melting Solid |  |
| 2)   | Solubility                 | Solubility in DMSO, Methanol  |              |         |             |                   |  |
| 3)   | Identification             |   |              |         |             |                   |  |
|  | 1. Mass                    | Confirm to structure  |              |         |             |                   |  |
|  | 2. 1H NMR                  | Confirm to structure  |              |         |             |                   |  |
| 4)   | Purity by HPLC             | 96.01%  |              |         |             |                   |  |
| Long Term Storage condition                            |                            | Store at 2 <sup>0</sup> to 8 <sup>0</sup> c   |              |         |             |                   |  |
| Shipping Condition                                     |                            | Ambient   |              |         |             |                   |  |
| Note: T  | This is only for Analytica | al testing purpose, not for Human or Animal   | Consumption. |         |             |                   |  |
|  |                            | Signature   | Date         |         |             |                   |  |
| Checked By   |                            |   |              |         |             |                   |  |











