

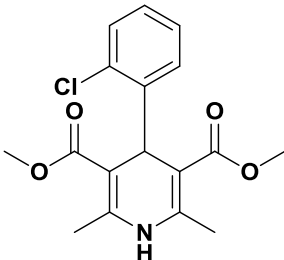


COMMITTED FOR CHEMISTRY

## SYNCHEMIA RESEARCH CHEMICAL

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### CERTIFICATE OF ANALYSIS

|                                                                                                                |                                                                             |                                              |
|----------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------|----------------------------------------------|
| <b>Product Name :</b> Amlodipine EP Impurity G                                                                 |                                                                             |                                              |
| <b>CAS NO :</b> 43067-01-2                                                                                     |                                                                             |                                              |
| <b>Batch No :</b> SRC-161-AG-06                                                                                |                                                                             |                                              |
| <b>Date of Analysis :</b> 15 Jan 2023                                                                          |                                                                             |                                              |
| <b>Retest Date :</b> 15 Jan 2025                                                                               |                                                                             |                                              |
| <b>Structure:</b> <div></div> |                                                                             |                                              |
| <b>Chemical Name</b>                                                                                           | 4-(2-Chlorophenyl)-3,5-di(methoxycarbonyl)-2,6-dimethyl-1,4-dihydropyridine |                                              |
| <b>Molecular Formula</b>                                                                                       | C <sub>17</sub> H <sub>18</sub> ClNO <sub>4</sub>                           |                                              |
| <b>Molecular Weight</b>                                                                                        | 335.8 g/mol                                                                 |                                              |
| <b>Sr. No.</b>                                                                                                 | <b>Test</b>                                                                 | <b>Result</b>                                |
| 1)                                                                                                             | <b>Description</b>                                                          | NA                                           |
| 2)                                                                                                             | <b>Solubility</b>                                                           | Soluble In DMSO, Methanol                    |
| 3)                                                                                                             | <b>Identification</b><br>1. Mass<br>2. <sup>1</sup> H NMR                   | Confirm to structure<br>Confirm to structure |
| 4)                                                                                                             | <b>Purity by HPLC</b>                                                       | Above 95 %                                   |
| <b>Long Term Storage condition</b>                                                                             |                                                                             | Store at 2 <sup>0</sup> to 8 <sup>0</sup> c  |
| <b>Shipping Condition</b>                                                                                      |                                                                             | Ambient                                      |
| <b>Note :</b> This is only for Analytical testing purpose, not for Human or Animal Consumption.                |                                                                             |                                              |
|                                                                                                                | <b>Signature</b>                                                            | <b>Date</b>                                  |
| Checked By                                                                                                     |                                                                             |                                              |
| Approved By                                                                                                    |                                                                             |                                              |

