

## Certificate of Analysis.

### Folic Acid EP Impurity H.

|                   |                                                                                                                                |
|-------------------|--------------------------------------------------------------------------------------------------------------------------------|
| Product code:     | <b>BS16152.</b>                                                                                                                |
| Description:      | <b>Folic Acid EP Impurity H.</b>                                                                                               |
| Synonym:          | <b>N-[4-[[N-[4-[[[2-Amino-4-oxo-1,4-dihydropteridin-6-yl)methyl]amino]benzoyl]-L-γglutamyl]amino]benzoyl]-L-glutamic Acid.</b> |
| Pack:             | <b>100 mg.</b>                                                                                                                 |
| CAS NO.:          | <b>2366274-27-1.</b>                                                                                                           |
| Mol. Weight:      | <b>689.63 g/mol.</b>                                                                                                           |
| Mol. Formula:     | <b>C<sub>31</sub>H<sub>31</sub>N<sub>9</sub>O<sub>10</sub>.</b>                                                                |
| Solubility:       | <b>Soluble in methanol.</b>                                                                                                    |
| Storage:          | <b>Store at 2-8°C Refrigerator.</b>                                                                                            |
| Batch No:         | <b>Sample.</b>                                                                                                                 |
| Manufacture Date: | <b>Lot specific.</b>                                                                                                           |
| Expiry Date:      | <b>3 years.</b>                                                                                                                |

| Test                    | Specification              | Measured Values      |
|-------------------------|----------------------------|----------------------|
| Appearance:             | White to off white solid.  | <b>Lot specific.</b> |
| Identification by NMR:  | Confirms to the structure. | <b>Lot specific.</b> |
| Identification by MASS: | Confirms to the structure. | <b>Lot specific.</b> |
| Identification by IR:   | Confirms to the structure. | <b>Lot specific.</b> |
| Purity by HPLC:         | ≥95%.                      | <b>Lot specific.</b> |

Please Note: - This material is only for laboratory purpose and not for human consumption. This is a computer generated COA, no stamp or signature is required.

