



## SYNCHEMIA RESEARCH CHEMICAL

Plot No.408, Prakash Industries, 1st Floor, Bhare Phata, Tal- Mulshi, Dist- Pune, Maharashtra India.

Mob.No: 9404317505 / 7276018915

Website: [www.synchemia.com](http://www.synchemia.com)

Email: [info@synchemia.com](mailto:info@synchemia.com) | [sales@synchemia.com](mailto:sales@synchemia.com) | [export@synchemia.com](mailto:export@synchemia.com)

### CERTIFICATE OF ANALYSIS

|                                                 |                                                                                                                                    |                                                                      |
|-------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------|
| Product Name                                    | : Empagliflozin -Anomer                                                                                                            |                                                                      |
| CAS NO                                          | : 1620758-33-9                                                                                                                     |                                                                      |
| Batch No                                        | : NA                                                                                                                               |                                                                      |
| Date of Analysis                                | : NA                                                                                                                               |                                                                      |
| Retest Date                                     | : NA                                                                                                                               |                                                                      |
| Structure                                       | : <div><br/><chem>O[C@H]1[C@H](O[C@@H]2[C@H](O)[C@H](O)[C@@H](CO)O2)[C@H](Cc3ccc(O[C@H]4CCOC4)c(Cl)c3)c1</chem></div>              |                                                                      |
| Chemical Name                                   | : (2R,3R,4R,5S,6R)-2-(4-Chloro-3-(4-(((S)-tetrahydrofuran-3-yl)oxy)benzyl)phenyl)-6-(hydroxymethyl)tetrahydro-2H-pyran-3,4,5-triol |                                                                      |
| Molecular Formula                               | : C <sub>23</sub> H <sub>27</sub> ClO <sub>7</sub>                                                                                 |                                                                      |
| Molecular Weight                                | : 450.9g/mole                                                                                                                      |                                                                      |
| Sr. No.                                         | Test                                                                                                                               | Result                                                               |
| 1)                                              | Description                                                                                                                        | NA                                                                   |
| 2)                                              | Solubility                                                                                                                         | DMSO,METHANOL                                                        |
| 3)                                              | Identification<br>1.Mass<br>2. <sup>1</sup> H NMR<br>3.IR                                                                          | Confirm to structure<br>Confirm to structure<br>Confirm to structure |
| 4)                                              | Purity by HPLC                                                                                                                     | NA                                                                   |
| Long Term Storage Condition 2–8 degrees Celsius |                                                                                                                                    |                                                                      |

Prepared and Reviewed By



Ms Ashwini Gaikwad  
(QC DEPARTMENT)

Approved By



Ms Komal Kapase  
(QA DEPARTMENT)



**Note:** This is only for Analytical testing purpose, not for Human or Animal Consumption