

# Certificate of Analysis



Product Identification		Chemical Structure
Catalog number	HB4638	
Compound name	Empagliflozin	
Chemical name	(2S,3R,4R,5S,6R)-2-[4-chloro-3-[[4-[(3S)-oxolan-3-yl]oxyphenyl]methyl]phenyl]-6-(hydroxymethyl)oxane-3,4,5-triol	
Batch number	E1400-1-1	
Batch molecular formula	C <sub>23</sub> H <sub>27</sub> ClO <sub>7</sub>	
Batch molecular weight	450.92	

Method	QC requirement	QC Result
HPLC	Reverse Phase HPLC shows >98% purity	Meets specification: 99.8%
NMR	<sup>1</sup> H NMR at 400 MHz consistent with structure	Meets specification
Physical appearance	White to off-white solid	Meets specification: White solid
Solubility	Soluble in DMSO	Meets specification

Produced by

Signature

Passed by

Signature

Date

20-07-20

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