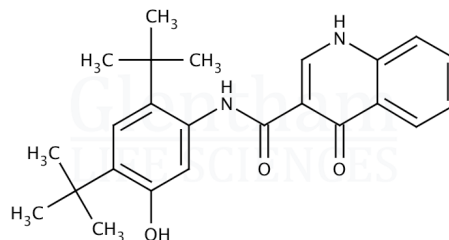


## Certificate of Analysis

Product Name Ivacaftor  
Glentham Code GX4265  
CAS Number 873054-44-5  
Batch Number 618BGE

Molecular Weight 392.49  
Molecular Formula  $C_{24}H_{28}N_2O_3$   
Storage Temp. -20°C



Property	Specification	Batch 618BGE
Physical Description	White to off-white powder	White powder
Identification (IR)	To conform to standard	Conforms
Solubility (3% in DMSO)	Clear, colourless solution	Clear, colourless solution
Water (KF)	≤ 2.0%	0.2%
Any Individual Impurity (HPLC)	≤ 0.5%	Conforms
Assay (HPLC)	≥ 98.0%	99.2%

Specification Version v1.1  
Manufacture Date 2023-12-21  
Re-Test Date 2031-04-04

Glentham Life Sciences confirm that the above referenced product conformed to the information displayed in this document on the quality release date. Please check [www.glentham.com](http://www.glentham.com) or contact us using the details above for the current version of this document.

This document was generated electronically and is therefore valid without signature. © Glentham Life Sciences Ltd, 2025