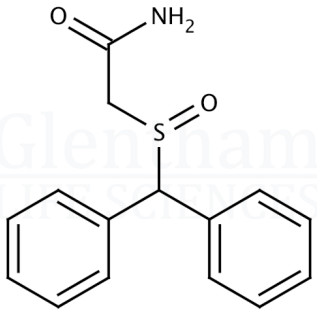
Glentham Life Sciences Ltd
Unit 5 Leafield Way
Corsham SN13 9SW
United Kingdom

t: +44 (0) 1225 667 798
f: +44 (0) 2033 978 909
e: info@glentham.com
w: www.glentham.com

Product Specification

Product Name	Modafinil, EP, USP grade
Glentham Code	GP4301
CAS Number	68693-11-8
MDL Number	MFCD00868082
Molecular Weight	273.35
Molecular Formula	$C_{15}H_{15}NO_2S$
Storage Temp.	+4°C



Property	Specification
Physical Description	White crystalline powder
Identification (IR)	To conform
Identification (HPLC)	To conform
Impurity A	≤ 0.2% (HPLC)
Impurity B	≤ 0.5% (HPLC)
Impurity C	≤ 0.5% (HPLC)
Any Unspecified Impurity	≤ 0.05% (HPLC)
Total Impurities	≤ 1.0% (HPLC)
Heavy Metals	≤ 20ppm
Sulphated Ash	≤ 0.1%
Water	≤ 0.2%
Assay (HPLC)	98.0 - 101.5 % (dried basis)
Pharmacopoeia Specification(s)	EP, USP

Specification Version	-	v1.0
Date Created	-	2017-01-31

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 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, 2024

Printed: 2024-03-28 21:09:03