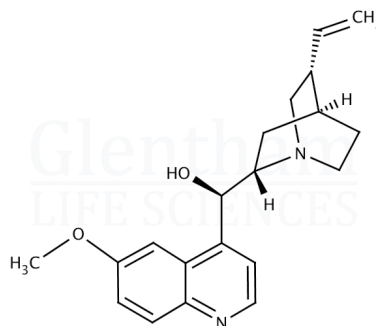


## Product Specification

Product Name	Quinine, anhydrous
Glentham Code	GE6508
CAS Number	130-95-0
EINECS	205-003-2
MDL Number	MFCD00198096
PubChem SID	310279536

Molecular Weight	324.42
Molecular Formula	$C_{20}H_{24}N_2O_2$
Storage Temp.	+20°C



Property	Specification
Physical Description	White to off-white powder
Loss on Drying	≤ 1.0%
Related Substances	Dihydroquinine: ≤ 5.0% Cinchona alkaloids: ≤ 2.0%
Sulphated Ash	≤ 0.1%
Chloride	≤ 200ppm
Sulphate	≤ 500ppm
Melting Point	174 - 178 °C
Heavy Metals	≤ 10ppm
Arsenic (As)	≤ 3ppm
Zinc (Zn)	≤ 25ppm
Assay	≥ 98.5%

Specification Version	-	v1.0
Date Created	-	2014-03-03

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, 2024