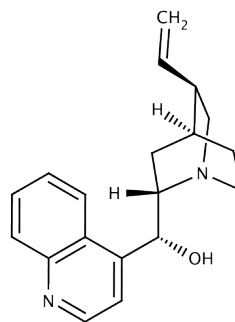


Product Specification

Product Name	Cinchonidine
Glentham Code	GP1244
CAS Number	485-71-2
EINECS	207-622-3
MDL Number	MFCD00006783
PubChem SID	310270265
Molecular Weight	294.39
Molecular Formula	C ₁₉ H ₂₂ N ₂ O
Storage Temp.	+20°C



Property	Specification
Physical Description	White to almost white crystalline powder
Identification	To pass test
pH (1% solution)	7.0 - 9.0
Loss on Drying	≤ 1.0%
Specific Optical Rotation	-162 - -189 °
Other Cinchona Alkaloids	≤ 5.0% (inc. Quinine and Hydroquinone)
Sulphated Ash	≤ 0.1%
Heavy Metals	≤ 10ppm
Chloride	≤ 200ppm
Sulphate	≤ 500ppm
Melting Point	200 - 207 °C
Assay	99.0 - 101.0 %

Specification Version	-	v1.0
Date Created	-	2015-01-28

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, 2021