



## Certificate of Analysis.

### Quinine Hydrochloride Dihydrate.

Product code:	<b>BS16156.</b>
Description:	<b>Quinine Hydrochloride Dihydrate.</b>
Synonym:	<b>(8<math>\alpha</math>, 9R)-6'-Methoxycinchonan-9-ol monohydrochloride dihydrate.</b>
Pack:	<b>100 mg.</b>
CAS NO.:	<b>6119-47-7.</b>
Mol. Weight:	<b>396.91 g/mol.</b>
Mol. Formula:	<b>C<sub>20</sub>H<sub>24</sub>N<sub>2</sub>O<sub>2</sub>·HCl·2H<sub>2</sub>O</b>
MDL Number:	<b>MFCD00078498.</b>
Melting point:	<b>160 °C.</b>
Solubility:	<b>Soluble in methanol.</b>
Storage:	<b>Store at ambient temperature.</b>
Batch No:	<b>Sample.</b>
Manufacture Date:	<b>Lot specific.</b>
Expiry Date:	<b>3 years.</b>

Test	Specification	Measured Values
Appearance:	White to Almost white powder to crystal.	<b>Lot specific.</b>
Identification by NMR:	Confirms to the structure.	<b>Lot specific.</b>
Identification by MASS:	Confirms to the structure.	<b>Lot specific.</b>
Identification by IR:	Confirms to the structure.	<b>Lot specific.</b>
Purity by HPLC:	≥95%.	<b>Lot specific.</b>

Please Note: - This material is only for laboratory purpose and not for human consumption. This is a computer generated COA, no stamp or signature is required.

