



## Certificate of Analysis.

### Ergocalciferol.

Product code:	<b>BS16213.</b>
Description:	<b>Ergocalciferol.</b>
Synonym:	<b>Vitamin D2.</b>
Pack:	<b>500 mg.</b>
CAS NO.:	<b>50-14-6.</b>
Mol. Weight:	<b>396.66 g/mol.</b>
Mol. Formula:	<b>C<sub>28</sub>H<sub>44</sub>O.</b>
MDL Number:	<b>MFCD00166988.</b>
Melting point:	<b>114 °C.</b>
Boiling Point:	<b>460.3°C.</b>
Density:	<b>0.9784 g/ml.</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 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.

