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Certificate of Analysis

 Product Name
 Melatonin

 Glentham Code
 GP8408

 CAS Number
 73-31-4

 EINECS
 200-797-7

 MDL Number
 MFCD00005655

 PubChem SID
 310276097

 Batch Number
 711ACF

 $\begin{array}{ll} \mbox{Molecular Weight} & 232.28 \\ \mbox{Molecular Formula} & \mbox{C}_{13}\mbox{H}_{16}\mbox{N}_2\mbox{O}_2 \\ \mbox{Storage Temp.} & -20\ensuremath{\,^{\circ}\text{C}}\mbox{C} \end{array}$

 H_3C $O-CH_3$

 Property
 Specification
 Batch 711ACF

 Physical Description
 White to off-white powder
 Off-white powder

 Solubility (5% in ethanol)
 Clear to very faintly turbid, colourless to faint yellow solution yellow solution
 Clear, faint yellow solution

 Melting Point
 116.0 - 120.0 °C
 118.3 °C

 Assay
 ≥ 98.0% (anhydrous basis)
 99.7%

Specification Version v1.1

Manufacture Date 2022-07-08

Re-Test Date 2031-08-05

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.

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