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Product Specification

 $\begin{array}{lll} \mbox{Product Name} & \mbox{Phosphotungstic acid hydrate} \\ \mbox{Glentham Code} & \mbox{GE1564} \\ \mbox{CAS Number} & 12501-23-4 \\ \mbox{MDL Number} & \mbox{MFCD00011342} \\ \mbox{Additional CAS} & 12067-99-1 \\ \mbox{Molecular Weight} & 2880.20 \ \mbox{(anhydrous)} \\ \mbox{Molecular Formula} & \mbox{H}_3\mbox{PO}_4 \cdot 12\mbox{WO}_3 \cdot \mbox{xH}_2\mbox{O} \\ \mbox{Storage Temp.} & +20^{\circ}\mbox{C} \\ \end{array}$

 Property
 Specification

 Physical Description
 White to pale yellow powder or crystals

 Solubility (10% in water)
 Clear to slightly turbid, colourless to faint yellow solution

 Chloride (CI)
 ≤ 0.03%

 Sulphate (SO4)
 ≤ 0.02%

 Loss on Drying
 ≤ 15.0%

 Assay
 65.0 - 72.0 %

Specification Version - v1.0

Date Created - 2020-10-21

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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