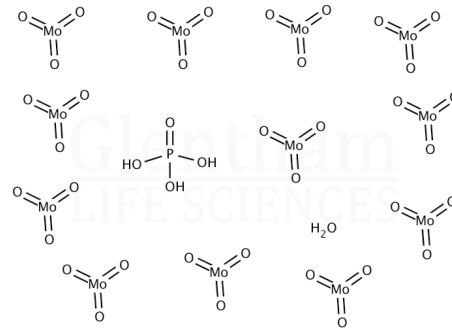


## Certificate of Analysis

Product Name	Phosphomolybdic acid hydrate
Glentham Code	GT2049
CAS Number	51429-74-4
EINECS	234-713-5
MDL Number	MFCD00149913
PubChem SID	310278940
Additional CAS	12026-57-2
Batch Number	891EVC

Molecular Weight	1825.25 (anhydrous)
Molecular Formula	$H_3[P(Mo_3O_{10})_4] \cdot xH_2O$
Storage Temp.	+20°C



Property	Specification	Batch 891EVC
Physical Description	Light-yellow to yellow-orange crystalline powder or crystals	Yellow-orange crystalline powder
Solubility (10% in water)	Clear to slightly turbid yellow solution	Conforms
Iron (Fe)	≤ 50ppm	4ppm
Ammonium (NH4)	≤ 100ppm	75ppm
Chloride (Cl)	≤ 200ppm	23ppm
Sulphate (SO4)	≤ 250ppm	224ppm
Loss on Drying	18.0 - 24.0 %	23.2%
Assay	≥ 48.0%	50.1%

Specification Version	v1.2
Manufacture Date	2023-12-06
Re-Test Date	2032-01-10

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](http://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, 2025