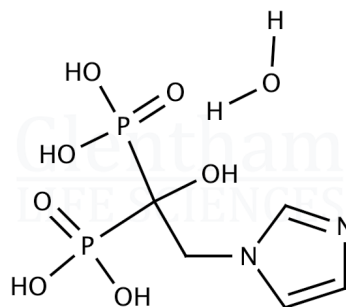


## Certificate of Analysis

Product Name	Zoledronic acid monohydrate
Glentham Code	GP8685
CAS Number	165800-06-6
MDL Number	MFCD08448695
PubChem SID	310281945
Additional CAS	118072-93-8 (anhyd.)
Batch Number	851VGK
Molecular Weight	290.10
Molecular Formula	$C_5H_{10}N_2O_7P_2 \cdot H_2O$
Storage Temp.	+4°C



Property	Specification	Batch 851VGK
Physical Description	White to off-white crystalline powder	Conforms
Assay	≥ 98.0% (dried basis)	99.5%
pH	2.0 - 4.0	2.3
Related Substances	Any Individual Impurity: ≤ 0.5%	0.08%
	Total Impurities: ≤ 1.0%	0.14%
Loss on Drying	5.0 - 8.0 %	6.3%
Chloride (Cl)	≤ 0.02%	Conforms
Phosphate	≤ 0.5%	Conforms
Phosphite	≤ 0.5%	0.24%
Heavy Metals	≤ 10ppm	Conforms

Specification Version	v1.0
Manufacture Date	2016-09-02
Re-Test Date	2025-10-28

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.

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