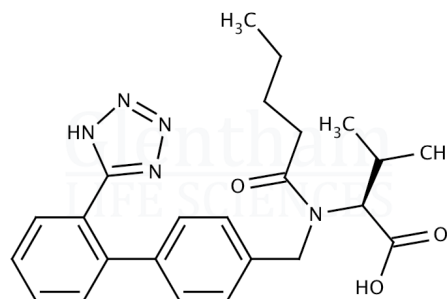


## Certificate of Analysis

Product Name Valsartan, USP grade  
Glentham Code GP8514  
CAS Number 137862-53-4  
MDL Number MFCD00865840  
PubChem SID 310281653  
Batch Number 001UYP

Molecular Weight 435.52  
Molecular Formula  $C_{24}H_{29}N_5O_3$   
Storage Temp. +4°C



Property	Specification	Batch 001UYP
Physical Description	White to off-white or beige powder	Conforms
Identification	According to USP	Conforms
Residue on Ignition	≤ 0.1%	Conforms
Heavy Metals	≤ 10ppm	Conforms
Impurity A	≤ 1.0%	0.42%
Impurity B	≤ 0.2%	0.02%
Impurity C	≤ 0.1%	Not detected
Any Unspecified Impurity	≤ 0.1%	0.02%
Total Impurities	≤ 0.3% (exc. A)	0.09%
Water	≤ 2.0%	0.4%
UV Absorption	≤ 0.02 (420nm)	0.01
Assay	98.0 - 102.0 % (anhydrous basis)	100.2%
Pharmacopoeia Specification(s)	USP	Conforms to USP

Specification Version v1.0  
Manufacture Date 2018-05-26  
Re-Test Date 2024-08-02

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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