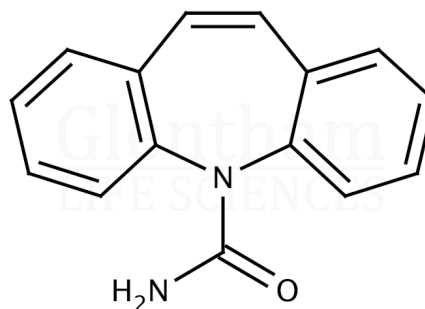


## Product Specification

Product Name	Carbamazepine, USP grade
Glentham Code	GP1918
CAS Number	298-46-4
EINECS	206-062-7

Molecular Weight	236.27
Molecular Formula	$C_{15}H_{12}N_2O$
Storage Temp.	+4°C



Property	Specification
Physical Description	White to off-white powder
Identification	According to USP
Residue on Ignition	≤ 0.1%
Chloride and Sulfate	According to USP
Heavy Metals	≤ 10ppm
Any Individual Impurity	≤ 0.2%
Total Impurities	≤ 0.5%
X-Ray Diffraction	According to USP
Acidity and Alkalinity	According to USP
Loss on Drying	≤ 0.5%
Assay (HPLC)	98.0 - 102.0 %
Pharmacopoeia Specification(s)	USP

Specification Version	-	v1.0
Date Created	-	2022-11-30

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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