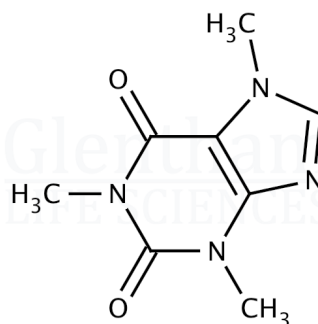


Product Specification

Product Name	Caffeine, Ph. Eur., USP grade
Glentham Code	GP3094
CAS Number	58-08-2
EINECS	200-362-1
MDL Number	MFCD00005758
PubChem SID	310269194

Molecular Weight	194.19
Molecular Formula	$C_8H_{10}N_4O_2$
Storage Temp.	+20°C



Property	Specification
Physical Description	White crystalline powder
Melting Point	234.0 - 239.0 °C
Appearance of Solution	Clear, colourless
Acidity	≤ 0.2ml (0.01M, NaOH)
Any Individual Impurity	≤ 0.1%
Total Impurities	≤ 0.1%
Sulphate (SO ₄)	≤ 500ppm
Heavy Metals (as Pb)	≤ 10ppm
Loss on Drying	≤ 0.5%
Residue on Ignition	≤ 0.1%
Assay (HPLC)	99.0 - 101.0 % (dried basis)
Pharmacopoeia Specification(s)	EP, USP, BP

Specification Version	-	v1.0
Date Created	-	2014-08-26

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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