

Product Datasheet

GP3094 - Caffeine, Ph. Eur., USP grade

Pictograms

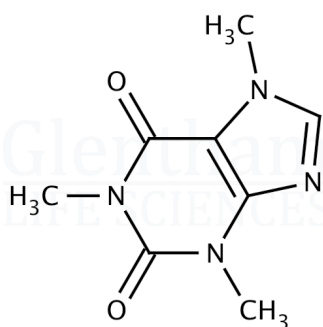


Product Details

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
Related Categories	APIs, Phytochemicals

Structure

Molecular Weight	: 194.19
Molecular Formula	: C ₈ H ₁₀ N ₄ O ₂



Glentham Product 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
Version	: v1.0

About Caffeine, Ph. Eur., USP grade

No further details on record.

Storage

Recommended storage temperature: +20°C.

Hazards and Transport

Not classified as dangerous for transport.

CLP Classification	Acute Tox. 4
Signal Word	Warning
Hazard Codes	H302
Precautionary Codes	P280, P261, P301+P312

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