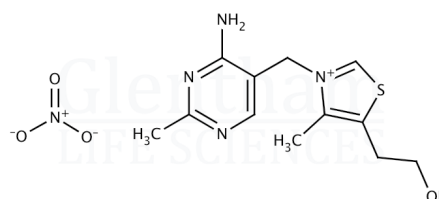


Product Specification

Product Name	Thiamine nitrate, BP, Ph. Eur. grade
Glentham Code	GV2491
CAS Number	532-43-4
EINECS	208-537-4
MDL Number	MFCD00036330
Molecular Weight	327.36
Molecular Formula	$C_{12}H_{17}N_5O_4S$
Storage Temp.	+20°C



Property	Specification
Physical Description	Colourless crystals or white to almost white crystalline powder
Identification (IR)	To conform to standard
Identification	B, C according to EP
Solubility (2% in water)	Clear solution, colour ≤ Y7
pH (2% in water)	6.8 - 7.6
Impurity A (HPLC)	≤ 0.15%
Impurity B (HPLC)	≤ 0.6%
Impurity C (HPLC)	≤ 0.4%
Any Individual Impurity (HPLC)	≤ 0.1%
Total Impurities (HPLC)	≤ 1.0%
Heavy Metals	≤ 20ppm
Sulphated Ash	≤ 0.1%
Loss on Drying	≤ 1.0%
Assay	98.0 - 101.0 % (dried substance)
Pharmacopoeia Specification(s)	BP, Ph. Eur.

Specification Version	- v1.0
Date Created	- 2018-10-05

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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