

## Product Datasheet

### GV2491 - Thiamine nitrate, BP, Ph.

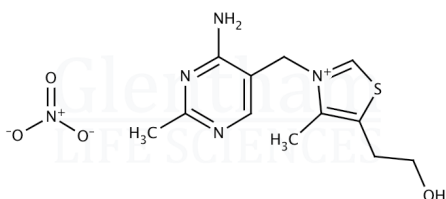
### Eur. grade

#### Product Details

Product Name	Thiamine nitrate, BP, Ph. Eur. grade
Glentham Code	GV2491
CAS Number	532-43-4
EINECS	208-537-4
MDL Number	MFCD00036330
Related Categories	Biochemicals, Vitamins

#### Structure

Molecular Weight	: 327.36
Molecular Formula	: C <sub>12</sub> H <sub>17</sub> N <sub>5</sub> O <sub>4</sub> S



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.
Version	: v1.0

### About Thiamine nitrate, BP, Ph. Eur. grade

No further details on record.

#### Storage

Recommended storage temperature: +20°C.

#### Hazards and Transport

Not classified as hazardous under CLP.

Not classified as dangerous for transport.

#### Glentham Product Specification

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