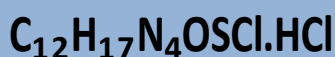




## Product Specification

### THIAMINE HYDROCHLORIDE FOR BIOCHEMISTRY

<b>PRODUCT CODE</b>	<b>044005</b>
<b>SYNONYMS</b>	(Vitamin B1)
<b>C.I. NO.</b>	--
<b>CASR NO.</b>	(67-03-8)
<b>ATOMIC OR MOLECULAR FORMULA</b>	$C_{12}H_{17}N_4OSCl.HCl$
<b>ATOMIC OR MOLECULAR WEIGHT</b>	337.27
<b>PROPERTIES</b>	--



<b>PARAMETER</b>	<b>LIMIT</b>
Description	White or almost white crystalline powder.
Solubility	Passes test.
Identification	Passes test.
Identification (By FTIR)	Conforms.
Assay (on dried substance)	98.5 - 101.5%
pH of (2.5% aq. soln.)	2.7 - 3.3

#### MAXIMUM LIMIT OF IMPURITIES

Sulphated ash	0.1%
Water (KF)	5.0%
Nitrate (NO <sub>3</sub> )	Passes test.
Sulphate (SO <sub>4</sub> )	0.03%
Heavy metals (as Pb)	0.002%

**Note(s) : Assay (if applicable) method mentioned**

#### WARNING

**Hazard statements :** Not hazardous. No hazards.

**Precautionary statements**

**Prevention:** -----

**Response:** ---

IMDG Code :

UN No. :

IATA :

**Disposal:** .....

Hazard Pictogram(s) :-