



## Specification

Concerning Product:	
Article number	67038AER
Trade name / designation / denomination	Vitamin B1 HCl, EP, Pure
CAS number	67-03-8
Other names / synonyms	•Aneurine hydrochloride; •Vitamin B1 HCl; •thiamine hydrochloride;
EC number	200-641-8
Customs tariff number / CN code / TARIC	29362200
Molecular weight [g / mol]	337,3 g/mol
Formula	C <sub>12</sub> H <sub>18</sub> Cl <sub>2</sub> N <sub>4</sub> OS

Parameter	Specification	Unit
<b>Organoleptic test</b>		
Appearance of solution	The solution is clear and not more intensely coloured than reference solution Y <sub>7</sub> or GY <sub>7</sub> .	
Colour	white or almost white	
<b>Physical parameter</b>		
Form	crystalline powder or colorless crystals	
Loss on drying	≤ 5,0	%
pH value	2,7 – 3,3	
<b>Identity</b>		
Assay	98,5 – 101,0	%
Identification	complies	
<b>Impurities</b>		
Residue on ignition	≤ 0,1	%
Sulphates (SO <sub>4</sub> )	≤ 300	ppm
Impurity	Ethylene Oxide: Meet EC 396/2005 (HACCP)	
Related substances	complies	
<b>Microbiological data</b>		

Escherichia Coli.	neg. in 1 g	
Salmonella	neg. in 10 g	
Total Plate Count	≤ 1000	CFU/g
Yeast and Mould	≤ 200	CFU/g

**Regulatory information:**

**Allergens statement:** Product is free of allergens according to Regulation (EU) No. 1169/2011 Annex II.

**No Animal Testing Status:** Product is not tested on animals.

**BSE/TSE statement:** Product conforms to TSE/BSE regulation EC No. 999/2001.

**Food Grade Status:** Product is suitable for human consumption.

**GMO statement:** Product is GMO free and complies to Regulations (EC) No. 1829/2003 and 1830/2003.

**Irradiated Status:** Product is irradiation free according to Directive EC 1992/2/EG and 1169/2011.

**Lactose Status:** Product is free of lactose.

**Nanoparticles:** In accordance with the definition of the “engineered nanomaterial” of the European regulation 2015/2283 and on our supplier’s information, the product isn’t complying with the definition of “engineered nanomaterials”. So, this raw material, according to the European regulation 1169/2011, isn’t subject to labelling as an engineered nanomaterial.

**Vegan Status:** Product is suitable for vegetarian, vegan, diabetics or coeliac diets.

**Supplemental information:**

**Shelf life:** 36 month

**Storage conditions:** Protect from light and store cool and dry in well-closed original packaging. The temperature should not exceed 25 °C.

Chemische Werke Hommel GmbH & Co.KG

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Waltrop, 16. May. 2022

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