



Technical Data Sheet

Vitamin B1 Thiamin HCl P.
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PRODUCT INFORMATION

Scientific name	Thiamine Hydrochloride	Qualität	Synthetrisch
Testing Standard	GB 14751-2010	Product ID:	9776
Origin	China		

ITEM	SPECIFICATION
Assay	98.0~101.5 %
Appearance	White Crystalline Powder
Odor	Characteristic
Identification	
Color Reaction	Positive
Chloride Identification	Positive
Melting Point	About 248 °C
Solution Color	Pass the Test
Nitrate (20g/L Solution)	Pass the Test
pH(25g/L Solution)	2.7~3.4
Loss on Drying	NMT 5%
Residue on Ignition	≤0.1 %

HEAVY METALS

Arsenic (As)	≤2 mg/kg
Lead (Pb)	≤2 mg/kg
Cadmium (Cd)	≤0.5 mg/kg
Mercury (Hg)	≤0.1 mg/kg

MICROBIOLOGY

Total Plate count	≤1,000 cfu/g
Yeast & Mold	≤1,000 cfu/g
E.Coli	Negative
Salmonella	Negative

STATEMENTS

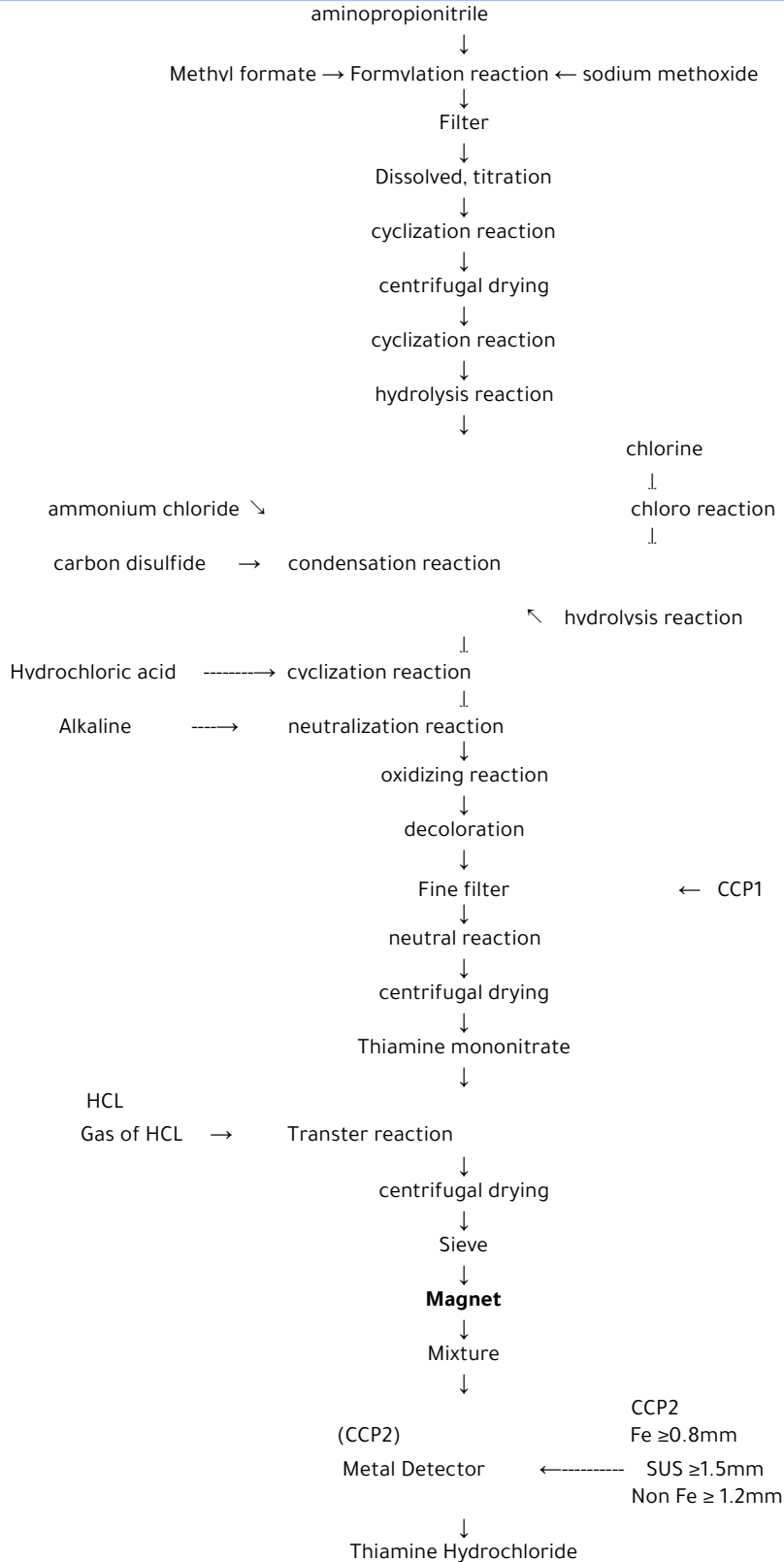
Food Quality and Safety	According to Reg. (EC) 178/2002
Contaminants	According to Reg. (EC) 2023/915 for food supplements
Pesticides	According to Reg. (EC) 396/2005 and amendments
Microbiology	Bacterial Count: TAMC-Bacteria <1,000 cfu/g, TYMC <100 cfu/g, Salmonella negative, E. Coli negative
GMO	GMO Free According to Reg. (EC) 1829/2003 and 1830/2003 and amendments
ETO	ETO free
Vegan	Vegan
Irradiation	No ionization or other radiation is permitted According to Dir. (EC) 1999/2 and 1999/3 and amendments
BSE/TSE	Risk Free BSE/TSE
Allergen status	According to Reg. (EC) 1169/2011
Unintentional contact (traces) in the supply chain cannot be excluded.	
Nanomaterials	Absent According to Reg. (EC) 1169/2011
Titanium dioxide	Absent According to Reg. (EC) 2022/63
Packaging	According to Reg. (EC) Nr. 10/2011 and 1935/2004 and amendments

STORAGE AND HANDLING

Storage	Store in a well-closed container away from moisture and direct sunlight
Shelf Life	2 years if sealed and properly stored
Document status template	19.10.23
Issue date	25.03.24



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