

Specification of Vitamin B1 (Thiamine Hydrochloride)

Product:Vitamin B1 (Thiamine Hydrochloride)

Type: Food Grade

Package: 25KG Drum

Items	Standard BP2009/USP32	Test Data
1. Appearance	White or almost white, crystalline powder or colourless crystals. (BP)	Meets
2.Appearance of solution	Clear and not more intensely coloured than reference solution Y7 or GY7. (BP)	Meets
3.Identification	Positive	Meets
4. Residue on ignition	Not more than 0.2%(USP)	Meets
5. Water	Maximum 5.0 %(BP) (USP)	Meets
6. Heavy metals	Not more than 20ppm (BP)	Meets
7. Sulphated ash	Maximum 0.1 % (BP)	Meets Meets
8. Sulphates	Maximum 300 ppm. (BP)	Meets
9. Solubility	Freely soluble in water, soluble in glycerol, slightly soluble in alcohol. (BP)	Meets
10. PH	2.7~3.3(BP) 2.7~3.4(USP)	Meets
11. Assay	98.5%~101.0%(BP) 98.0%-102.0%(USP)	Meets
12. Related substances	Conform to BP2009 (BP)	Meets
13. Solubility	Freely soluble in water, soluble in glycerol, slightly soluble in alcohol. (BP)	Meets

Shelf Life: 36 months

Keep container dry and tightly closed;Keep in a cool well-ventilated place;Keep away from heat and oxidizing