



Specification

Concerning Product:	
Article number	58560TE
Trade name / designation / denomination	Vitamin B6 HCl, EP
CAS number	58-56-0
Other names / synonyms	•4,5-bis(hydroxymethyl)-2-methyl-3-pyridinol hydrochloride; •pyridoxine hydrochloride;
EC number	200-386-2
Customs tariff number / CN code / TARIC	29362500
Molecular weight [g / mol]	205.63878
Formula	C ₈ H ₁₂ ClNO ₃

Parameter	Specification	Unit
Organoleptic test		
Appearance of solution	Solution S is clear and not more intensely coloured than reference solution Y7	
Appearance	White or almost white, crystalline powder	
Physical parameter		
Loss on drying	(105 °C) ≤ 0,5	%
pH value	2,4 – 3,0	
Solubility	Freely soluble in water, slightly soluble in ethanol (96%)	
Identity		
Assay	99 – 101	%
Identification	A, B: complies	
Melting Point (identity)	205	°C
Impurities		
Heavy Metals (as Pb)	≤ 20	ppm
Sulphated ash	≤ 0,1	%
Related substances	B: ≤ 0,15	% [w/w]
Related substances	total: ≤ 0,2	% [w/w]
Related substances	Unspecified impurities ≤ 0,1	% [w/w]
Elemental Impurities		
Arsenic (As)	≤ 1	ppm
Cadmium (Cd)	≤ 1	ppm
Mercury (Hg)	≤ 0,1	ppm
Lead (Pb)	≤ 2	ppm

Annotation:

Functional group if used in feed

Category: Nutritional additives (Cat. 3), Functional Group: Vitamins, pro- vitamins and chemically well-defined substances (a)

Supplemental information:

Shelf life: 3 years from date of production under recommended storage conditions

Storage conditions: Keep in tightly closed original sealed packing in cool, clean and dry place, away from direct sunlight and water

Complies with monographie: EP

Packing: 25 kg carton with PE-inliner

Chemische Werke Hommel GmbH & Co.KG

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Waltrop, 16. Aug. 2022

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