



Spezifikation

Produktbezug:	
Produktnummer	67038TLES
Handelsname / Bezeichnung	Vitamin B1 HCl (Thiamin HCl)
CAS Nummer	67-03-8
Andere Bezeichnungen / Synonyme	•Aneurine hydrochloride; •Aneurinhydrochlorid; •Thiaminhydrochlorid; •Vitamin B1 HCl; •thiamine hydrochloride;
EG Nummer	200-641-8
Zolltarifnummer / CN-Code	29362200
Molekulargewicht [g/mol]	337,3 g/mol
Formel	C ₁₂ H ₁₈ Cl ₂ N ₄ OS

Parameter	Spezifikation	Einheit
Sensorische Prüfung		
Aussehen	Klar, nicht intensiver als Referenzlösung Y7 oder GY7	
Aussehen	Weißes oder fast weißes kristallines Pulver oder farblose Kristalle	
Physikalische Parameter		
Trocknungsverlust	≤ 5	%
pH-Wert	2,7 – 3,3	
Löslichkeit	Leicht löslich in Wasser, löslich in Glycerol, schwer löslich in Ethanol (96 %), praktisch unlöslich in Heptan	
Identifikation		
Gehalt	98,5 – 101	%
Identifizierung	A, B, C: entspricht	
Verunreinigungen		
Schwermetalle (als Pb)	≤ 20	ppm
Sulphatasche	≤ 0,1	%
Sulphat (SO ₄)	≤ 300	ppm
Verunreinigung	total: ≤ 0,5	%
Verwandte Substanzen	Impurity A: ≤ 0,15	%
Verwandte Substanzen	Impurity B: ≤ 0,3	%
Verwandte Substanzen	Impurity C: ≤ 0,15	%
Verwandte Substanzen	Unspezifische Verunreinigung (für jede) ≤ 0,10	%

Zusätzliche Angaben:

Mindesthaltbarkeit: 3 Jahre ab Produktionsdatum in original Verpackung bei empfohlener Lagerung

Lagerbedingungen: In dicht geschlossenen Behältern, bei Raumtemperatur, sauber und trocken, fern von direkter Sonneneinstrahlung und Wasser lagern.

Verpackung: 25 kg Papp-Trommel oder Karton mit PE-Innenhülle

Chemische Werke Hommel GmbH & Co.KG

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Waltrop, 26. Jan. 2022

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