



## Spezifikation

Produktbezug:	
Produktnummer	59438CLU
Handelsname / Bezeichnung	Vitamin B1 (Thiamin)
CAS Nummer	59-43-8
Andere Bezeichnungen / Synonyme	â€¢2-[3-[(4-amino-2-methyl-5-pyrimidinyl)methyl]-4-methyl-5-thiazol-3-iumyl]ethanol; â€¢Aneurin; â€¢Thiamin; â€¢Vitamin B1; â€¢thiamine;
EG Nummer	200-425-3
Zolltarifnummer / CN-Code	29362200
Molekulargewicht [g/mol]	265.35458
Formel	C <sub>12</sub> H <sub>17</sub> N <sub>4</sub> OS <sup>+</sup>

Parameter	Spezifikation	Einheit
<b>Sensorische PrÃ¤fegung</b>		
Aussehen	weiÃŸes oder fast weiÃŸes kristallines Pulver	
<b>Physikalische Parameter</b>		
Trocknungsverlust	≤ 5	%
pH-Wert	2,7 â€” 3,4	
LÃ¶slichkeit	in Wasser: lÃ¶slich	
<b>Identifikation</b>		
Gehalt	99 â€” 102	%
Identifizierung	A: IR absorption: complies	
Identifizierung	B: Test of chloride: pass	
Identifizierung	C: Appearance of solution: pass	
<b>Verunreinigungen</b>		
GlÃ¼ckstand	≤ 0,1	%
Nitrate	complies	
Verwandte Substanzen	≤ 1	% [w/w]
<b>RestlÃ¶semittel</b>		
RestlÃ¶semittel	Ethanol: ≤ 0,5	%
RestlÃ¶semittel	Methanol: ≤ 0,3	%
<b>Elementare Verunreinigungen</b>		
Arsen (As)	≤ 2	ppm
Blei (Pb)	≤ 2	ppm
<b>Mikrobiologische Daten</b>		
Escherichia Coli.	Negative	CFU/g
Salmonellen	Negative	
Gesamtkeimzahl	≤ 1000	CFU/g
Schimmel und Hefe	≤ 100	CFU/g

### ZusÃ¤tzliche Angaben:

**Mindesthaltbarkeit:** 2 Jahre

**Verpackung:** 25 kg Karton

Chemische Werke Hommel GmbH & Co.KG

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Waltrop, 14. Aug. 2019

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