



Spezifikation

Produktbezug:	
Produktnummer	68199APEUL
Handelsname / Bezeichnung	Vitamin B12, EP, USP (Cyanocobalamin)
CAS Nummer	68-19-9
Andere Bezeichnungen / Synonyme	•Cyanocobalamin; •Vitamin B12; •cyanocobalamin;
EG Nummer	200-680-0
Zolltarifnummer / CN-Code	29362600
Molekulargewicht [g/mol]	1355.37 g/mol
Formel	C ₆₃ H ₈₈ CoN ₁₄ O ₁₄ P

Parameter	Methode	Spezifikation	Einheit
Sensorische Prüfung			
Farbe	Monograph:0547 Visual	dunkelrot	
Physikalische Parameter			
Form (Aggregatzustand)	Monograph:0547 Visual	kristallines Pulver	
Trocknungsverlust	EP	≤ 10,0	%
Identifikation			
Gehalt	EP	97,0 – 102,0	%
Identifizierung	EP 2.2.25	A (UV: A _{361nm} /A _{278nm}): 1,70 – 1,90	
Identifizierung	EP 2.2.25	A (UV: A _{361nm} /A _{547-559nm}): 3,15 – 3,45	
Identifizierung	EP 2.2.27	B (TLC): entspricht den Anforderungen	
Verunreinigungen			
Verwandte Substanzen	EP 2.2.32	34-Methylcyanocobalamin: ≤ 0,5	%
Verwandte Substanzen	EP 2.2.32	7β,8β- Lactocyanocobalamin: ≤ 1,0	%
Verwandte Substanzen	EP 2.2.32	8-Epi-cyanocobalamin: ≤ 0,32	%
Verwandte Substanzen	EP 2.2.32	jede andere Verunreinigung: ≤ 0,2	%
Verwandte Substanzen	EP 2.2.32	Verunreinigungen gesamt: ≤ 3,0	%
Restlösemittel			
Restlösemittel		Acetone ≤ 0,5	%
Mikrobiologische Daten			
Gesamtkeimzahl	Ph. 2.6.12	≤ 1000	CFU/g
Schimmel und Hefe	Ph. 2.6.12	≤ 100	CFU/g

Regulatorische Informationen:

Hinweis zu Allergenen: Allergen frei

GVO Hinweis: Das Produkt ist kein GVO, enthält oder besteht aus GVO.

Bestrahlungs Status: Nicht bestrahlt

Zusätzliche Angaben:

Mindesthaltbarkeit: 60 Monate

Lagerbedingungen: An einem kühlen und trockenen Ort aufbewahren. Vermeiden Sie starkes Licht und Hitze.

Verpackung: Verpackt in Papierfässern und zwei Plastiktüten im Inneren, 0,1 kg / Dose.

regionaler Ursprung: China

Chemische Werke Hommel GmbH & Co.KG

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Waltrop, 28. Apr. 2020

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