



Spezifikation

Produktbezug:	
Produktnummer	13422554BPJ
Handelsname / Bezeichnung	Vitamin MeB12 (Methylcobalamin), JP
CAS Nummer	13422-55-4
Andere Bezeichnungen / Synonyme	*carbanide; cobalt(3+); [5-(5,6-dimethyl-1-benzimidazolyl)-4-hydroxy-2-(hydroxymethyl)-3-oxolanyl] 1-[[1-oxo-3-[(4Z,9Z,14Z)-2,13,18-tris(2-amino-2-oxoethyl)-7,12,17-tris(3-amino-3-oxopropyl)-3,5,8,8,13,15,18,19-octamethyl-2,7,12,17-tetrahydro-1H-corrin-21-; *mecobalamin;
EG Nummer	236-535-3
Zolltarifnummer / CN-Code	29362600
Molekulargewicht [g/mol]	1344.38230
Formel	C ₆₃ H ₉₁ CoN ₁₃ O ₁₄ P

Parameter	Spezifikation	Einheit
Sensorische Prüfung		
Aussehen der Lösung	Die Lösung ist klar und rot.	
Aussehen	dunkel rote Kristalle oder kristallines Pulver Es zersetzt sich bei Lichteinwirkung.	
Physikalische Parameter		
Trocknungsverlust	≤ 12	%
Löslichkeit	in Wasser: schwer löslich in Ethanol: kaum löslich	
Identifikation		
Gehalt	(HCPL) 98,0 – 101,0	%
Identifizierung	A - durch UV: Standard- und Probenspektren sollten ähnliche Absorptionsintensitäten bei derselben Wellenlänge aufweisen.	
Identifizierung	B - Farbttest: Die rote Farbe verschwindet nicht.	
Verunreinigungen		
Verunreinigung	alle zusammen (HPCL): ≤ 2,0	%
Verunreinigung	jede einzelne (HPCL): ≤ 0,5	%

Regulatorische Informationen:

Restlösemittel: Acetone: ≤ 5000 ppm

Chloroform: ≤ 60 ppm

Isobutanol: ≤ 5000 ppm

Methanol: ≤ 3000 ppm

Zusätzliche Angaben:

Mindesthaltbarkeit: 4 Jahre

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

regionaler Ursprung: Japan

Chemische Werke Hommel GmbH & Co.KG

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Waltrop, 08. Jul. 2019

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