



Spezifikation

Produktbezug:	
Produktnummer	23100
Handelsname / Bezeichnung	Diphenhydramin HCl
CAS Nummer	147-24-0
Andere Bezeichnungen / Synonyme	•2-(benzhydryloxy)-N,N-dimethylethanamine hydrochloride; •2-(diphenylmethyl)oxy-N,N-dimethylethanamine hydrochloride; •DIPHENHYDRAMINE; •Diphenhydramin HCl; •Diphenhydramine Hydrochloride; •Diphenhydramine Hydrochloride, USP; •Diphenhydramine hcl; •Diphenhydramine hydrochloride; •Diphenhydraminhydrochlorid; •[2-(diphenylmethoxy)ethyl]dimethylamine hydrochloride;
EG Nummer	205-687-2
Zolltarifnummer / CN-Code	29221985
Molekulargewicht [g/mol]	291.81568
Formel	C ₁₇ H ₂₂ ClNO
Achtung	
Gesundheitsschädlich bei Verschlucken.	

Parameter	Methode	Spezifikation	Einheit
Sensorische Prüfung			
Aussehen der Lösung		klar, ≤ BY7	
Aussehen		weißes oder fast weißes kristallines Pulver	
Physikalische Parameter			
Säuregehalt	of 0,01M Sodium Hydroxyd	≤ 0,5	ml
Trocknungsverlust	on dry bais	@ 150°C ≤ 0,5	%
Löslichkeit		sehr gut wasserlöslich, in Alkohol frei löslich	
Identifikation			
Gehalt		99 – 101	%
Infrarot Spektroskopie		sollte mit dem Arbeitsstandard übereinstimmen	
Schmelzpunkt (Identität)		168 – 172	°C
UV-Spektroskopie	Das Verhältnis der bei 258 maximal gemessenen Absobanz zu der bei 264 nm maximal gemessenen Absorption	1,2 – 1,4	
UV-Spektroskopie	Das Verhältnis der bei 258 maximal gemessenen Absobanz zu der bei 253 nm maximal gemessenen Absorption	1,1 – 1,3	
Verunreinigungen			
Sulphatasche		≤ 0,1	%
Verwandte Substanzen		Impurity A: ≤ 0,5	% [w/w]
Verwandte Substanzen		in sum: ≤ 1,0	% [w/w]
Verwandte Substanzen		Unspecified impurities ≤ 0,3	% [w/w]
Restlösemittel			
Restlösemittel		2-Chloropropane ≤ 5000	
Restlösemittel		Isopropylalcohol ≤ 5000	
Restlösemittel		Monochlorobenzene ≤ 360	
Elementare Verunreinigungen			
Chloride (Cl)		gibt Reaktion	%

Zusätzliche Angaben:

Mindesthaltbarkeit: 5 Jahre

Chemische Werke Hommel GmbH & Co.KG

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Waltrop, 28. Aug. 2020

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