



Spezifikation

Produktbezug:	
Produktnummer	1867669SPB
Handelsname / Bezeichnung	Ketamin HCl, BP
CAS Nummer	1867-66-9
Andere Bezeichnungen / Synonyme	•2-(2-chlorophenyl)-2-(methylamino)-1-cyclohexanone hydrochloride; •ketamine hydrochloride;
EG Nummer	217-484-6
Zolltarifnummer / CN-Code	29223900
Molekulargewicht [g/mol]	274.18618
Formel	C ₁₃ H ₁₇ Cl ₂ NO

Parameter	Spezifikation	Einheit
Sensorische Prüfung		
Aussehen der Lösung	Lösung S sollte klar und farblos sein.	
Farbe	weiß	
Physikalische Parameter		
Form (Aggregatzustand)	kristallines Pulver	
Trocknungsverlust	≤ 0,50	%
pH-Wert	3,5 – 4,1	
Spezifische optische Drehung	A: -0,2 – +0,2	°
Löslichkeit	in Ethanol: löslich	
Löslichkeit	in Methanol: leicht löslich	
Löslichkeit	in Wasser: leicht löslich	
Identifikation		
Gehalt	99,0 – 101,0	%
Infrarot Spektroskopie	B: entspricht dem Standard	
Schmelzpunkt (Identität)	≥ 260	°C
Chloridtest	C: erfüllt die Anforderungen der Chloridtests	
Verunreinigungen		
Sulphat (SO ₄)	≤ 0,10	%
Verwandte Substanzen	jede andere Verunreinigung: ≤ 0,10	% [w/w]
Verwandte Substanzen	Verunreinigung A, B, C: ≤ 0,20	% [w/w]
Verwandte Substanzen	Verunreinigungen gesamt: ≤ 0,50	% [w/w]
Restlösemittel		
Restlösemittel	Acetone: ≤ 5000	ppm
Restlösemittel	Isopropyl Alcohol: ≤ 5000	ppm
Restlösemittel	Methanol: ≤ 3000	ppm
Restlösemittel	Ortho Dichloro Benzene: ≤ 1870	ppm
Restlösemittel	Toluene: ≤ 890	ppm
Mikrobiologische Daten		
Escherichia Coli.	neg.	
Pseudomonas aeruginosa	neg.	
Salmonellen	neg.	
Staphylococcus Aureus	neg.	
Gesamtkeimzahl	≤ 100	CFU/g
Schimmel und Hefe	≤ 10	CFU/g

Zusätzliche Angaben:

Entspricht der Monographie: EP, BP

regionaler Ursprung: IND

Chemische Werke Hommel GmbH & Co.KG

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Waltrop, 26. Sep. 2022

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