



Spezifikation

Produktbezug:	
Produktnummer	21700
Handelsname / Bezeichnung	Butetamat-dihydrogencitrat
CAS Nummer	13900-12-4
Andere Bezeichnungen / Synonyme	•2-hydroxypropane-1,2,3-tricarboxylic acid; 2-phenylbutanoic acid 2-(diethylamino)ethyl ester; •Butetamat-dihydrogencitrat; •Butethamate Citrate; •diethyl[2-(2-phenylbutyroyloxy)ethyl]ammonium dihydrogen citrate;
EG Nummer	237-671-6
Molekulargewicht [g/mol]	455.49872
Formel	C ₂₂ H ₃₃ NO ₉

Parameter	Spezifikation	Einheit
Sensorische Prüfung		
Aussehen der Lösung	klar und farblos	
Farbe	weiß	
Physikalische Parameter		
Form (Aggregatzustand)	kristallines Pulver	
Trocknungsverlust	(100-105 °C) ≤ 0,5	%
pH-Wert	(10% in H ₂ O): 3,5 – 4,0	
Spezifische optische Drehung	+0,3 – -0,3	°
Löslichkeit	in Wasser: löslich	
Identifikation		
Gehalt	98,0 – 101,0	%
Identifizierung	C. (DAB): violette Färbung	
Identifizierung	D. (DAB): entspricht	
Schmelzpunkt (Identität)	A. (DAB): 108,0 – 110,0	°C
Verunreinigungen		
Schwermetalle (als Pb)	≤ 20	ppm
Sulphatasche	≤ 0,1	%
Sulphat (SO ₄)	≤ 100	ppm
Verwandte Substanzen	≤ 0,5	%
Elementare Verunreinigungen		
Chloride (Cl)	≤ 100	ppm

Zusätzliche Angaben:

Mindesthaltbarkeit: 3 Jahre

Entspricht der Monographie: based on DAB 10

regionaler Ursprung: D

Chemische Werke Hommel GmbH & Co.KG

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Waltrop, 06. Oct. 2022

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