



Spezifikation

Produktbezug:	
Produktnummer	123422VRI
Handelsname / Bezeichnung	Diacetonalkohol, rein Diacetone alkohol
CAS Nummer	123-42-2
Andere Bezeichnungen / Synonyme	4-HYDROXY-4-METHYL-2-PENTANONE; 4-Hydroxy-4-methyl-2-pentanone; 4-Hydroxy-4-methylpentan-2-on; 4-Hydroxy-4-methylpentan-2-on, technisch; 4-hydroxy-4-methyl-2-pentanone; 4-hydroxy-4-methylpentan-2-one; DIACETONE ALCOHOL; Diacetone Alcohol;
EG Nummer	204-626-7
Zolltarifnummer / CN-Code	29144010
Molekulargewicht [g/mol]	116.15828
Formel	C ₆ H ₁₂ O ₂

Parameter	Spezifikation	Einheit
Sensorische Prüfung		
Aussehen der Lösung	(20%, H ₂ O) klar	
Aussehen	Pulver	
Farbe	(20%, H ₂ O) farblos bis gelb	
Farbe	weiß bis gelblich-weiß	
Physikalische Parameter		
Trocknungsverlust	(120 °C / 4h) ≤ 15	%
pH-Wert	(20%) 4,5 â 6,4	
Identifikation		
Gehalt	12,0 â 15,0	%
Verunreinigungen		
Citrat	Malate 1,28 â 1,65	
Sulphat (SO ₄)	≤ 0,05	%
Elementare Verunreinigungen		
Arsen (As)	≤ 3	ppm
Cadmium (Cd)	≤ 1	ppm
Chloride (Cl)	≤ 0,05	%
Quecksilber (Hg)	≤ 0,1	ppm
Blei (Pb)	≤ 2	ppm
Mikrobiologische Daten		
Aerobe Mikroorganismen	(ISO/LFGB) ≤ 2000	CFU/g
Schimmel und Hefe	(ISO/LFGB) ≤ 200	CFU/g

Chemische Werke Hommel GmbH & Co.KG

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Waltrop, 07. Jul. 2021

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