



Spezifikation

Produktbezug:	
Produktnummer	6020877VL
Handelsname / Bezeichnung	Creatin Monohydrat (food)
CAS Nummer	6020-87-7
Andere Bezeichnungen / Synonyme	•2-[carbamimidoyl(methyl)amino]acetic acid hydrate; •Creatin Monohydrat; •Creatine Monohydrate; •Creatine hydrate; •Glycine, N-(aminoiminomethyl)-N-methyl-, hydrate (1:1); •Kreatinhydrat; •N-Amidinosarkosinhydrat; •N-amidinosarcosine hydrate;
EG Nummer	611-954-8
Zolltarifnummer / CN-Code	29252900
Molekulargewicht [g/mol]	149.14844
Formel	C ₄ H ₁₁ N ₃ O ₃

Parameter	Spezifikation	Einheit
Sensorische Prüfung		
Aussehen	weißes Pulver	
Physikalische Parameter		
Trocknungsverlust	≤ 12	%
Schüttdichte	400 – 550	g/ml
Stampfdichte	550 – 650	g/l
Identifikation		
Gehalt	≥ 99,9	%
Verunreinigungen		
Cyanid	≤ 1	ppm
Glührückstand	≤ 0,1	%
Schwermetalle (als Pb)	≤ 10	ppm
Sulphat (SO ₄)	≤ 0,03	%
Verunreinigung	≤ 1	%
Verunreinigung	Dicyanamide ≤ 20	ppm
Verunreinigung	Prüfung von Schwefelsäure: keine Karbonisierung	
Verwandte Substanzen	Creatinine ≤ 100	ppm

Elementare Verunreinigungen		
Arsen (As)	≤ 1	ppm
Cadmium (Cd)	≤ 1	ppm
Quecksilber (Hg)	≤ 0,1	ppm
Blei (Pb)	≤ 1	ppm
Mikrobiologische Daten		
Kolibakterien	neg.	
Escherichia Coli.	Neg in 1g	CFU/g
Salmonellen	neg in 10g	
Staphylococcus Aureus	neg. in 1g	
Gesamtkeimzahl	≤ 1000	CFU/g
Schimmel und Hefe	≤ 100	cfu/g
Partikelgrößenverteilung		
Partikel	200 mesh	%

Zusätzliche Angaben:

Mindesthaltbarkeit: 3 Jahre

Chemische Werke Hommel GmbH & Co.KG

Dieses Dokument wurde elektronisch erzeugt und ist ohne Unterschrift gültig.

Waltrop, 14. Aug. 2023

We only confirm that we took over the data from our supplier accordingly. Despite careful working, errors in the takeover are not totally excluded. Some or all parts off the document may be translated due to our best knowledge from the original to give a better understanding. If you have any questions about specific details, please call us directly. Unless otherwise marked, these data do not originate from us and have not been tested by us on the correctness. The above information corresponds to the present state of our knowledge and is intended as a general description of our products and their possible applications. We make no warranties, expressed or implied, as to the information's accuracy, adequacy, sufficiency or freedom from defect and assumes no liability in connection with any use of this information. Any user of this product is responsible for determining the suitability of our products for its particular application. The foregoing information does not absolve the buyer of its own tests. Observing existing laws and regulations, is the responsibility of the buyer of our product. Nothing included in this information waives any of our General Terms and Conditions of Sale, which control unless it agrees other in writing. Any existing intellectual/industrial property rights must be observed. Due to possible changes in our products and applicable national and international regulations and laws, the status of our products could change. Material Safety Data Sheets providing safety precautions, that should be observed when handling or storing our products, are available upon request and are provided in compliance with applicable law. The user should obtain and review the applicable Material Safety Data Sheet information before handling any of these products. For additional information, please contact us.