



Spezifikation

Produktbezug:	
Produktnummer	110156GIR
Handelsname / Bezeichnung	Bernsteinsäure kristallin, rein Succinic Acid, pure
CAS Nummer	110-15-6
Andere Bezeichnungen / Synonyme	•Bernsteinsäure; •SUCCINIC ACID; •SUCCINIC ACID, ACS; •Sodium Succinate, Anhydrous, Reagent; •Succinic Acid; •Succinic Acid [110-15-6]; •Succinic Acid, Crystal, Reagent, ACS; •Succinic Acid, FCC; •Succinic Acid, Ultrapure; •Succinic acid;
EG Nummer	203-740-4
Zolltarifnummer / CN-Code	29171990
Molekulargewicht [g/mol]	118,09
Formel	C4H6O4
Achtung	
Verursacht schwere Augenreizung. BEI KONTAKT MIT DEN AUGEN: Eventuell Vorhandene Kontaktlinsen nach Möglichkeit entfernen. Weiter ausspülen. Einige Minuten lang behutsam mit Wasser ausspülen.	

Parameter	Spezifikation	Einheit
Sensorische Prüfung		
Aussehen der Lösung	10% in Wasser: klar und farblos	
Farbe	weiß	
Physikalische Parameter		
Form (Aggregatzustand)	kristallines Pulver	
Identifikation		
Gehalt	(o.d.b.)* $\geq 99,5$	%
Infrarot Spektroskopie	entspricht	
Schmelzpunkt (Identität)	185,0 – 190,0	°C
Verunreinigungen		
Glührückstand	$\leq 0,1$	%
Schwermetalle (als Pb)	≤ 10	ppm
Sulphat (SO ₄)	$\leq 0,02$	%
Elementare Verunreinigungen		
Arsen (As)	≤ 2	ppm
Chloride (Cl)	≤ 50	ppm
Eisen (Fe)	≤ 10	ppm

Anmerkung:

o.d.b. = on dried basis / auf getrockneter Basis

Zusätzliche Angaben:**Mindesthaltbarkeit:** 9 Jahre**Lagerbedingungen:** Vor Licht schützen und in gut verschlossener Originalverpackung kühl und trocken lagern. Die Temperatur sollte 20° C nicht überschreiten.

Chemische Werke Hommel GmbH & Co.KG

Dieses Dokument wurde elektronisch erzeugt und ist ohne Unterschrift gültig.

Waltrop, 10. Mar. 2022

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 of 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.