




Specification

Concerning Product:	
Article number	110156GIR
Trade name / designation / denomination	Bernsteinsäure kristallin, rein Succinic Acid, pure
CAS number	110-15-6
Other names / synonyms	•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; •Succinic acid, ACS, 99. min;
EC number	203-740-4
Customs tariff number / CN code / TARIC	29171990
Molecular weight [g / mol]	118,09
Formula	C ₄ H ₆ O ₄
Warning 	
Causes serious eye irritation. IF IN EYES: Remove contact lenses, if present and easy to do. Continue rinsing. Rinse cautiously with water for several minutes.	

Parameter	Specification	Unit
Organoleptic test		
Appearance of solution	10% in water: clear and colourless	
Colour	white	
Physical parameter		
Form	crystalline powder	
Identity		
Assay	(o.d.b.)* ≥ 99,5	%
Infrared absorption spectrometry	complies	
Melting Point (identity)	185,0 – 190,0	°C
Impurities		
Residue on ignition	≤ 0,1	%
Heavy Metals (as Pb)	≤ 10	ppm
Sulphates (SO ₄)	≤ 0,02	%
Elemental Impurities		
Arsenic (As)	≤ 2	ppm
Chlorides (Cl)	≤ 50	ppm
Iron (Fe)	≤ 10	ppm

Annotation:

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

Supplemental information:

Shelf life: 9 years

Storage conditions: Protect from light and store cool and dry in well-closed original packaging. The temperature should not exceed 20°C.

Chemische Werke Hommel GmbH & Co.KG

This document was generated electronically and is valid without signature.

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.

