

AC2042 Succinic acid, ExpertQ®, for analysis, ACS, Reag. Ph Eur



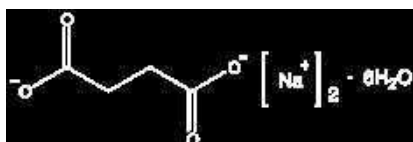
assay (acidimetric)min. 99 %
 identity (IR-spectrum)passes test
 appearance of solutionpasses test
 insoluble in watermax. 0,005 %
 melting point185 - 191 °C
 total nitrogen (as N)max. 0,001 %
 chlorides (Cl)max. 0,0005 %
 phosphates (as PO₄)max. 0,001 %

sulfates (SO₄)max. 0,003 %
 ammonium (NH₄)max. 0,001 %
 iron (Fe)max. 5 ppm
 heavy metals (as Pb)max. 5 ppm
 fumaric acid (HPLC)max. 0,5 %
 residue on ignitionmax. 0,02 %
 water (K.F.)max. 0,5 %

ART. NO.	VOLUME	CONTAINER
AC20420100	100 g	0
AC20420250	250 g	0

SUCCINIC ACID, DISODIUM SALT HEXAHYDRATE

SO0645 Succinic acid, disodium salt hexahydrate, ExpertQ®, for analysis



- Synonyms: di-Sodium succinate hexahydrate
- C₄H₄Na₂O₆·6H₂O
- M = 270,15 g/mol
- CAS [6106-21-4]
- EINECS-No.: 205-778-7
- Solub. in water: (35 °C): 349 g/l
- Tariff number: 2917 19 90 90
- Applications: synthesis of organic products, in food industry, in the pharmaceuticals industry.

assay (titr. with HClO₄, referred to dried sample)min. 99 %
 identity (IR-spectrum)passes test
 chlorides (Cl)max. 0,005 %
 sulfates (SO₄)max. 0,005 %
 cadmium (Cd)max. 5 ppm
 calcium (Ca)max. 0,001 %
 chromium (Cr)max. 5 ppm
 cobalt (Co)max. 5 ppm
 copper (Cu)max. 5 ppm
 iron (Fe)max. 5 ppm
 lead (Pb)max. 5 ppm
 magnesium (Mg)max. 5 ppm
 manganese (Mn)max. 5 ppm
 nickel (Ni)max. 5 ppm
 potassium (K)max. 0,005 %
 zinc (Zn)max. 5 ppm
 water (K.F.)38 - 40 %

ART. NO.	VOLUME	CONTAINER
SO06450500	500 g	0

SUCCINIC ANHYDRIDE

AN0320 Succinic anhydride, EssentQ®



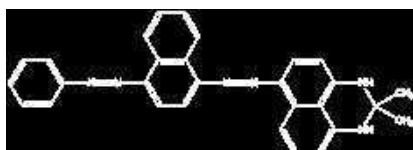
- Synonyms: 2,5-Dioxotetrahydrofuran
- C₄H₄O₃
- M = 100,07 g/mol
- CAS [108-30-5]
- EINECS-No.: 203-570-0
- Solub. in water: (20 °C): 67 g/l (hydrolysis reaction)
- Melting point: 119 °C
- Boiling point: 261 °C
- Flash pt. 157 °C
- Vapour pressure: (92 °C) 1,3 hPa
- LD 50 (oral, rat): 1510 mg/kg
- EC-Index-No.: 607-103-00-5
- GHS-signal word: Warning
- GHS-H sentences: H302 - H319 - H335
- GHS-P sentences: P261 - P280 - P305 + P351 + P338 - P304 + P340 - P405 - P501a
- Tariff number: 2917 19 90 90
- Applications: laboratory reagent, synthesis of organic products, in food industry, manufacture of dyes, manufacture of adhesives.

assay (morpholine method)min. 99 %
 identity (IR-spectrum)passes test
 residue on ignitionmax. 0,01 %

ART. NO.	VOLUME	CONTAINER
AN03201000	1 kg	0
AN0320005P	5 kg	0

SUDAN BLACK B, C.I. 26150

NE0050 Sudan Black B, C.I. 26150, for microscopy



- Synonyms: 2,3-Dihydro-2,2-dimethyl-6-[[4-(phenylazo)-1-naphthalenyl]azo]-1H-perimidine, SBB
- C₂₉H₂₄N₂
- M = 456,55 g/mol
- CAS [4197-25-5]
- EINECS-No.: 224-087-1
- Solub. in water: (20 °C): insoluble
- Melting point: 150 - 154 °C
- LD 50 (oral, rat): > 15000 mg/kg
- Tariff number: 3204 19 00 90
- Applications: indicator, microscopy, in the textile industry.

Absorption maximum λ (in ethanol)596 - 605 nm
 Absorptivity (A1%/1 cm; λ max.)390 - 670
 loss on drying (105 °C)max. 1%

ART. NO.	VOLUME	CONTAINER
NE00500025	25 g	0