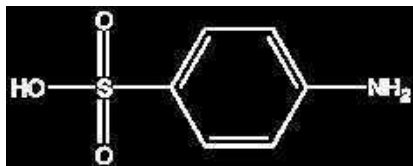


SULFANILIC ACID

AC2060 Sulfanilic acid anhydrous, ExpertQ®, for analysis, ACS, Reag. Ph Eur



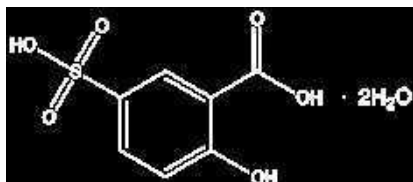
- Synonyms: 4-Aminobenzenesulfonic acid, Aniline-4-sulfonic acid, p-Anilinesulfonic acid
- $C_6H_7NO_3S$
- $M = 173,19 \text{ g/mol}$
- CAS [121-57-3]
- EINECS-No.: 204-482-5
- Solub. in water: (20 °C): 10 g/l
- Melting point: 288 °C (decomposes)
- LD 50 (oral, rat): 12300 mg/kg
- EC-Index-No.: 612-014-00-X
- GHS-signal word: Warning
- GHS-H sentences: H315 - H319 - H317
- GHS-P sentences: P261 - P280 - P305 + P351 + P338 - P321 - P362 - P501a
- Tariff number: 2921 42 00 60
- Applications: analytical chemistry, laboratory reagent, for determination of: nitrites, synthesis of organic products, manufacture of dyes, antibacterian.

assay (acidimetric) 99,0 - 102,0 %
 identity (IR-spectrum) passes test
 insoluble in Na_2CO_3 solution max. 0,01 %
 chlorides (Cl) max. 0,002 %
 nitrites (NO_2) max. 0,5 ppm
 sulfates (SO_4) max. 0,005 %
 heavy metals max. 0,001 %
 loss on drying max. 0,5 %
 residue on ignition max. 0,01 %

ART. NO.	VOLUME	CONTAINER
AC20600100	100 g	Ⓜ
AC20600250	250 g	Ⓜ
AC20601000	1 kg	Ⓜ

5-SULFOSALICYLIC ACID DIHYDRATE

AC2093 5-Sulfosalicylic acid dihydrate, ExpertQ®, for analysis, ACS



- Synonyms: 3-Carboxy-4-hydrobenzenesulfonic acid, 2-Hydroxy-5-sulfobenzoic acid, Salicylsulfonic acid
- $C_7H_6O_6S \cdot 2H_2O$
- $M = 254,22 \text{ g/mol}$
- CAS [5965-83-3]
- EINECS-No.: 202-555-6
- Solub. in water: (20 °C): freely soluble
- Melting point: 120 °C
- Flash pt. ~ 150 °C
- LD 50 (oral, rat): 2450 mg/kg (anhydrous substance)
- ADR: 8 C4 III UN 3261
- IMDG: 8 III UN 3261
- IATA/ICAO: 8 III UN 3261
- GHS-signal word: Warning
- GHS-H sentences: H315 - H319
- GHS-P sentences: P280 - P305 + P351 + P338 - P321 - P362 - P332 + P313 - P337 + P313
- Tariff number: 2918 29 10 90
- Applications: synthesis of organic products, in lubricant compositions, indicator, analytical chemistry.

assay (acidimetric) 99,0 - 101,0 %
 identity (IR-spectrum) passes test
 insoluble in water max. 0,005 %
 chlorides (Cl) max. 0,001 %
 sulfates (SO_4) max. 0,02 %
 heavy metals (as Pb) max. 0,002 %
 iron (Fe) max. 0,001 %
 salicylic acid max. 0,04 %
 residue on ignition max. 0,1 %

ART. NO.	VOLUME	CONTAINER
AC20930250	250 g	Ⓜ
AC20931000	1 kg	Ⓜ

SULFUR FLOWER

- S
- $M = 32,06 \text{ g/mol}$
- CAS [7704-34-9]
- EINECS-No.: 231-722-6
- Solub. in water: (20 °C): almost insoluble
- Melting point: 113 - 119 °C
- Boiling point: 444 °C

- Flash pt. 160 °C
- Ignition temp.: 235 °C (dust)
- Vapour pressure: (20 °C) 5000 mg/kg
- ADR: 4.1 F3 III UN 1350
- IMDG: 4.1 III UN 1350
- IATA/ICAO: 4.1 III UN 1350
- GHS-signal word: Warning

- GHS-H sentences: H315
- GHS-P sentences: P280 - P264 - P321 - P362 - P332 + P313 - P302 + P352
- Tariff number: 2802 00 00 00
- Applications: analytical chemistry, laboratory reagent, in the rubber industry, fungicide, for pharmaceutical use, in pharma industry.

AZ0040 Sulfur flower, EssentQ®, washed

assay (acidimetric) min 99 %
 identity (IR-spectrum) passes test
 residue on ignition max. 0,5 %

ART. NO.	VOLUME	CONTAINER
AZ00400500	500 g	Ⓜ

ART. NO.	VOLUME	CONTAINER
AZ00401000	1 kg	Ⓜ