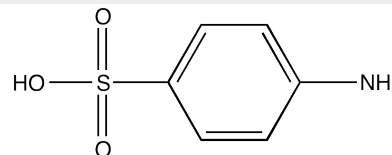


Sulfanilic acid anhydrous, for analysis, ExpertQ®, ACS, Reag. Ph Eur

Identification

C₆H₇NO₃S
M = 173,19 g/mol
CAS [121-57-3]
EC number: 204-482-5
Taric code:



Synonyms

4-Aminobenzenesulfonic acid, Aniline-4-sulfonic acid, p-Anilinesulfonic acid

Applications

analytical chemistry, laboratory reagent, for determination of: nitrites, synthesis of organic products, manufacture of dyes, antibacterian.

Specifications

assay (acidimetric).....	99,0 - 102,0 %	nitrites (NO ₂).....	max. 0,5 ppm
identity (IR-spectrum).....	passes test	sulfates (SO ₄).....	max. 0,005 %
insoluble in Na ₂ CO ₃ solution.....	max. 0,01 %	heavy metals.....	max. 0,001 %
chlorides (Cl).....	max. 0,002 %	loss on drying	max. 0,5 %
		residue on ignition.....	max. 0,01 %

Physical data

- Appearance: flourey powder, white or almost white
- Spec. Density: 1,48 g/cm³
- Bulk density: ~ 620 kg/m³
- Solub. in water: (20 °C): 10 g/l
- Melting point: 288 °C (decomposes)
- pH(10 g/l H₂O, 20 °C) ~ 2

Safety - GHS

Signal Word: Warning

Hazard Statements:

- H315: Causes skin irritation.
H319: Causes serious eye irritation.
H317: May cause an allergic skin reaction.



Precautionary Statements:

- P261: Avoid breathing dust / fume / gas / mist / vapours / spray.
P280: Wear protective gloves / protective clothing / eye protection / face protection.
P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P321: Specific treatment (see on this label).
P333+P313: If skin irritation or rash occurs: Get medical advice / attention.
P501a: Dispose of contents / container in accordance with local / regional / national / international regulations.

Transport/storage

- 15°C - 25°C