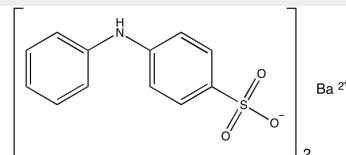


Diphenylamine-4-sulfonic acid, barium salt, redox indicator, for analysis, ExpertQ®

Identification

C₂₄H₂₀BaN₂O₆S₂
M = 633,90 g/mol
CAS [6211-24-1]
EC number: 228-278-0
Taric code: 2921 44 00



Synonyms

Bariumdiphenylamine-4-sulfonate, 4-Anilinobenzene sulfonic acid barium salt

Applications

analytical chemistry, indicator, for determination of: nitrates.

Specifications

identity (IR-spectrum).....passes test
Absorption maximum I (in H₂O).....290 - 295 nm

Absorptivity (A1%/1 cm; I max; 0,001 %, H₂O, on dried sample
600 - 700
suitability as redox indicator passes test
loss on drying (105 °C)..... max. 5 %

Physical data

- Bulk density: ~ 220 kg/m³
- Solub. in water: (20 °C): almost insoluble
- pH(10 g/l H₂O, 20 °C) ~ 5,9

Safety - GHS

Signal Word: Warning

Hazard Statements:

H302: Harmful if swallowed.
H332: Harmful if inhaled.



Precautionary Statements:

P261: Avoid breathing dust / fume / gas / mist / vapours / spray.
P264: Wash thoroughly after handling.
P270: Do not eat, drink or smoke when using this product.
P301+P312: IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.
P304+P340: IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
P501a: Dispose of contents / container in accordance with local / regional / national / international regulations.

Transport/storage

- ADR: 6.1 T5 III • UN 1564 • BARIUM COMPOUND, N.O.S.(Diphenylamine-4-sulfonic acid, barium salt)
- IMDG: 6.1 III • UN 1564 • BARIUM COMPOUND, N.O.S.(Diphenylamine-4-sulfonic acid, barium salt)
- IATA/ICAO: 6.1 III • UN 1564 • BARIUM COMPOUND, N.O.S.(Diphenylamine-4-sulfonic acid, barium salt)
- PAX: 619
- CAO: 619
- 5°C - 30°C