

Citric acid monohydrate

Grade: Extra pure



M=210.14 g/mol

Specification

Assay (acidimetric, calc. on anhydrous substance).....≥99.5%
Identity (IR-Spectrum) Passes test
Appearancewhite, fine powder
Sulfate (SO₄).....≤0.05%
Heavy metals (as pb)≤0.05%
Water.....7.5-8.8%
Oxalate (as C₂H₂O₄)..... ≤0.001%
Sulfated ash (600°C).....≤0.5%
Melting point.....135-152°C

Technical data

- CAS-No. 5949-29-1
- EC-No. 201-069-1
- Vapour pressure < 0.1 hPa (20°C)
(anhydrous substance)
- Spec. density 1.54 g/cm³ (20°C)
- Solub. in H₂O 1630 g/l (20°C)
- PH value 1.85 (50 g/l, H₂O, 25°C)
- Bulk density 800 - 1000 kg/m³
- Ignition temp. 345°C
(anhydrous substance)
- irritant
- R 36
- S 26
- RTECS GE7810000
- Poison class (CH) 4
- WGK 1
- LD 50 oral rat 3000 mg/kg
(anhydrous substance)
- HS-No. 2918 14 00
- LGK 10-13
- Merckblatt BG Chemie Nr. M004,M050
- Merck-Index 10, 2297
- Roempp 8, 759

Symbol



Guidelines of usage & storage

- Irritating to eyes.
- wear suitable protective clothing.
- Do not breathe dust.
- Keep out of reach the children.



Packaging

Plastic Bottles

1 Kg

Plastic container

5-10 Kg

Fiber Bag

20 Kg

