

Xylenol orange, tetrasodium salt, indicator for metal titration, ACS

Identification

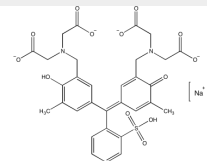
C₃₁H₂₈N₂Na₄O₁₃S

M = 760,60 g/mol

CAS [3618-43-7]

EC number: 222-805-8

Taric code: 2934 99 90



Synonyms

3',3''-Bis[bis(carboxymethyl)-aminoethyl] cresol sulfone phthane sodium salt

Applications

analytical chemistry, indicator, for metals titration.

Specifications

Absorption maximum λ (pH 14,0)	582 - 585 nm	appearance of solution.....	passes test
Absorptivity (A1%/1 cm; λ max, pH 14,0 on dried sample)	600 - 650	suitability as indicator for metal titration	passes test
		loss on drying (110 °C).....	max. 7 %

Physical data

- Bulk density: ~ 250 kg/m³
- Solub. in water: (20 °C): ~ 510 g/l
- pH(10 g/l H₂O, 20 °C) ~ 8,1

Transport/storage

- 10°C - 30°C