

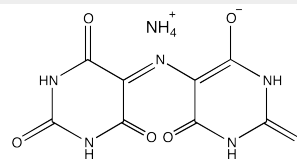
Murexide, indicator for metal titration**Identification** $C_8H_8N_6O_6$

M = 284,19 g/mol

CAS [3051-09-0]

EC number: 221-266-6

Taric code: 2933 54 00

**Synonyms**

Ammonium purpurate, acid

Applications

analytical chemistry, indicator (for determination of: metals), complexant agent.

SpecificationsAbsorption maximum λ (in H₂O).....517 - 523 nmAbsorptivity (A1%/1 cm; λ max.).....375 - 500

suitability as complexometric indicator.....passes test

loss on dryingmax. 10 %

Physical data

- Appearance: crystalline powder, brown-reddish
- Bulk density: ~ 330 kg/m³
- Solub. in water: (20 °C): ~ 1 g/l
- pH(1g/l H₂O, 20 °C) ~ 5

Transport/storage

- 10°C - 30°C