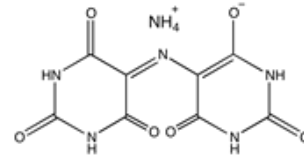


**Identification**

$C_8H_8N_6O_6$   
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.

**Specifications**

Absorption maximum $\lambda$ (in H <sub>2</sub> O).....	517 - 523 nm	suitability as complexometric indicator.....	passes test
Absorptivity (A1%/1 cm; $\lambda$ max.).....	375 - 500	loss on drying .....	max. 10 %

**Physical data**

- Appearance: crystalline powder, brown-reddish
- Bulk density: ~ 330 kg/m<sup>3</sup>
- Solub. in water: (20 °C): ~ 1 g/l
- pH(1g/l H<sub>2</sub>O, 20 °C) ~ 5

**Transport/storage**

- 10°C - 30°C