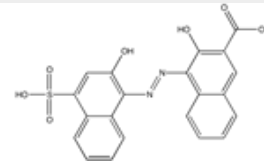


**Calconcarboxylic acid, indicator for metal titration****Identification**

$C_{21}H_{14}N_2O_7S$   
M = 438,42 g/mol  
CAS [3737-95-9]  
EC number: 223-117-0  
Taric code: 2927 00 00

**Synonyms**

2-Hydroxy-1-(2-hydroxy-4-sulpho-1-naphthylazo)-3-naphthoic acid

**Applications**

analytical chemistry, indicator, for the identification of: calcium.

**Specifications**

Absorption maximum $\lambda$ (in ethanol) .....	569 - 572 nm	water (K.F.).....	max. 10 %
Absorptivity (A1%/1 cm; $\lambda$ 1; pH 3,0 on dried sample)	min. 250	suitability as indicator for metal titration .....	passes test

**Physical data**

- Bulk density: ~ 400 kg/m<sup>3</sup>
- Solub. in water: (20 °C): insoluble
- Melting point: 300 °C

**Transport/storage**

- 5°C - 30°C