

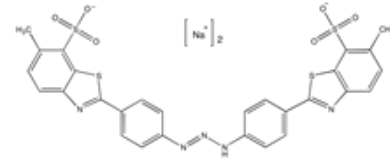
Titan yellow, C.I. 19540, reagent for magnesium and indicator**Identification** $C_{28}H_{19}N_5Na_2O_6S_4$

M = 695,73 g/mol

CAS [1829-00-1]

EC number: 217-377-4

Taric code: 3204 19 00

**Synonyms**

Clayton yellow, Naphthamine G, Thiazole yellow

Applications

analytical chemistry, indicator, laboratory reagent (magnesium).

Specifications

Absorptivity (A1%/1 cm; λ 2, pH 6,8; on dried sample)	405 - 406 nm	loss on drying (110 °C).....	max. 8 %
Absorptivity (A1%/1 cm; λ pH 7,0 on dried sample)	550 - 560	suitability as magnesium reagent.....	passes test

Physical data

- Bulk density: ~ 310 kg/m³
- Solub. in water: (24 °C): ~ 29 g/l
- pH(10 g/l H₂O, 20 °C) ~ 5,1

Transport/storage

- 10°C - 30°C