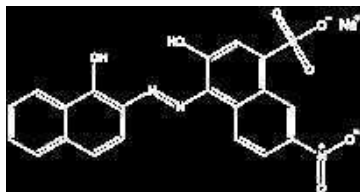


## ERIOCHROME BLACK T, SOLUTION 1%

NE0048 Eriochrome black T, solution 1%, for complexometry



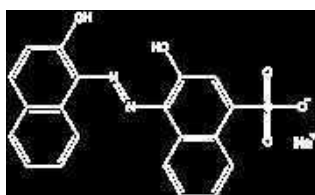
- $C_{20}H_{12}N_3NaO_5S$
- $M = 461,38 \text{ g/mol}$
- CAS [1787-61-7]
- EINECS-No.: 217-250-3
- Tariff number: 3204 19 00 90
- Applications: analytical chemistry, indicator of the hardness of water.

composition of 100 ml:  
 eriochrome black T ..... 1 g  
 ethanol absolute ..... 25 ml  
 triethanolamine ..... 75 ml  
 suitability for complexometry ..... passes test

ART. NO.	VOLUME	CONTAINER
NE00480100	100 ml	0

## ERIOCHROME BLUE-BLACK R, C.I. 15705

NE0035 Eriochrome blue-black R, C.I. 15705



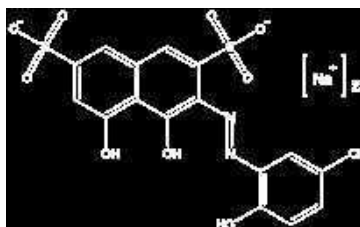
- Synonyms: 2-Hydroxy-1-(2-hydroxy-1-naphthylazo)-naphthalene-4-sulfonic acid sodium salt
- $C_{20}H_{13}N_2NaO_5S$
- $M = 416,39 \text{ g/mol}$
- CAS [2538-85-4]
- EINECS-No.: 219-810-2
- Solub. in water: (20 °C): ~ 20 g/l
- Tariff number: 2927 00 00 90
- Applications: analytical chemistry, indicator (metals).

Absorption maximum  $\lambda$  (pH 12,2) ..... 632 - 636 nm  
 Absorptivity (A1%/1 cm;  $\lambda$  max; 0,0015%, pH 12,2 on dried sample) ..... 200 - 300  
 suitability as indicator for metal titration ..... passes test  
 loss on drying (110 °C) ..... max. 10%

ART. NO.	VOLUME	CONTAINER
NE00350050	50 g	0

## ERIOCHROME BLUE SE, C.I. 16680

AZ0155 Eriochrome blue SE, C.I. 16680, indicator for metal titration



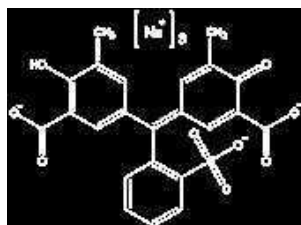
- Synonyms: 2-(4-Chloro-1-hydroxyphenyl-2-azo)-1,8-dihydroxynaphthalene-3,6-disulfonic acid disodium salt
- $C_{16}H_9ClN_2Na_2O_9S_2$
- $M = 518,82 \text{ g/mol}$
- CAS [1058-92-0]
- EINECS-No.: 213-894-4
- Solub. in water: (20 °C): ~ 30 g/l
- LD 50 (oral, rat): 8900 mg/kg
- Tariff number: 3204 19 00 90
- Applications: analytical chemistry, indicator (metals), in biochemistry.

Absorption maximum  $\lambda_1$  (methanol) ..... 526 - 530 nm  
 Absorption maximum  $\lambda_2$  (methanol) ..... 552 - 556 nm  
 Absorptivity (A1%/1 cm;  $\lambda$  max) ..... min. 320  
 Absorptivity (A1%/1 cm;  $\lambda_2$  max) ..... min. 320  
 loss on drying (110 °C) ..... max. 7 %  
 suitability as metal indicator ..... passes test

ART. NO.	VOLUME	CONTAINER
AZ01550005	5 g	0

## ERIOCHROME CYANINE R, C.I. 43820

ER0050 Eriochrome cyanine R, C.I. 43820, ExpertQ®, for analysis



- $C_{23}H_{15}Na_3O_9S$
- $M = 536,40 \text{ g/mol}$
- CAS [3564-18-9]
- EINECS-No.: 222-641-7
- Solub. in water: (20 °C): ~ 420 g/l
- Tariff number: 3204 19 00 90
- Applications: analytical chemistry, for determination of: aluminium (indicator).

identity (IR-spectrum) ..... passes test  
 Absorption maximum  $\lambda$  (buffer pH 7,0) ..... 434 - 440 nm  
 Absorptivity (A1%/1 cm;  $\lambda$  max.; 0,02 g/l buffer pH 7,0; on dried sample) ..... 130 - 200  
 suitability for determination of Al ..... passes test  
 loss on drying (105 °C) ..... max. 10 %

ART. NO.	VOLUME	CONTAINER
ER00500025	25 g	0
ER00500100	100 g	0

## ESBACH'S REAGENT

RE0004 Esbach's reagent

- Density: 0,987 g/cm<sup>3</sup>
- Solub. in water: (20 °C): miscible
- Tariff number: 3822 00 00 00

- Applications: analytical chemistry, for determination of: albumin.

Suitable for detection of protein.

ART. NO.	VOLUME	CONTAINER
RE00040500	500 ml	0