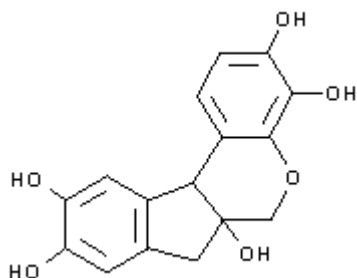


**PRODUCT CODE: 251344**

**Hematoxylin 1-hydrate (C.I. 75290) for clinical diagnostics, microscopy**  
Vagina smear staining

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$C_{16}H_{14}O_6 \cdot xH_2O$



M.= 302,29(anh)

CAS [517-28-2]

EINECS 208-237-3

TARIC 3203 00 10 00

**SYNONYMS:** Natural Black 1

**PHYSICAL DATA:** powder, white to creamy white, Soluble in water 10 g/l/Soluble in alcohol 30 g/l M.P.: 200 °C •

**BIBLIOGRAPHY:** Merck Index **12**, 4.670 13, 4.654 Safety **2** , **1812 B** • Conn's **IX** 468, 609 • Beilstein **19** , **8 V** , **469** • BRN 91400 •

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**HAZARDOUS:** RTECS: MH 8785000 • TDLO oral rat 400 mg/kg •

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**SPECIFICATIONS:**

Identity :

Identity

Ratio I<sub>max</sub>. P +/-15 nm

A 1% , 1 cm, λ<sub>max</sub>.at pH 11,3

IR passes test

0,98 - 1,04

>500

λof max. ABS at pH 11.3 490 - 500 nm  
λof max. ABS in Acetonitrile 290 - 292 nm

T.L.C. passes test

**Maximum limit of impurities**

Loss on drying at 135°C 6,0%