



**PRODUCT CODE: 252908**

**Kovacs' Reagent for clinical diagnosis**

For detection of indole

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TARIC 2806 10 00 00

**SYNONYMS:** Indole reagent

**PHYSICAL DATA:** liquid, Clear, Yellowish, Miscible with water D 20/4 0,92 • pH1 • Flash P.: ~36 °C •

**INSTRUCTIONS FOR USE:** Add about 0.5 ml of Kovacs# reagent to a broth culture that has been incubated for 24-48 hours. Shake gently. A red to pink-purple colour development indicates a positive indole test. The test can also be carried out after a 18 hours incubation; in this case, the reagent is added to only 1 or 2 ml of broth culture. If the reaction test is negative, incubation must be continued for 24 hours.

**BIBLIOGRAPHY:** Eine vereinfachte Methode zum Nachweis der Indolbildung durch Bakterien ; N. Kovacs , A. Immunforsch , 55 , 311 (1928) •

**HAZARDOUS:** VLA-EC (1-Butanol) 154 mg/m3 VLA-EC (1-Butanol) 50 ppm VLA-EC (HCl) 10 ppm 15 mg/m3 VLA-ED (HCl) 7,6 mg/m3 VLA-ED (HCl) 5 ppm



H: H225 • H302 • H335 • H315 • H318 • H336 •

P: P210 • P233 • P240 • P241 • P242 • P243 • P261 • P264 • P270 • P271 • P280 • P301+P312 • P302+P352 • P303+P361+P353 • P304+P340 • P305+P351+P338 • P310 • P312 • P321 • P330 • P332+P313 • P362 • P370+P378 • P403+P233 • P403+P235 • P405 • P501 •

**TRANSPORT REGULATIONS:** UN: 2920 • ADR: 8(3)/II • IMDG: 8(3)/II • IATA: 8(3)/II • PAX: 851 • CAO: 855 • (D/E) •

**WEIGHT/VOLUME INFORMATION:** 1l~0,924 kg 1kg~1,082 l

**OBSERVATIONS:** Storage between +2 and +8°C . • Product controlled as a drug precursor. •

**COMPOSITION:**

4-(Dimethylamino) benzaldehyde	50 g
Hydrochloric Acid 37%	250 ml
1-Butanol	750 ml

**SPECIFICATIONS:**

Identity :	
Identity	passes test

**Maximum limit of impurities**

Microbiological suitability for detection of indole	passes test
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