PanReac AppliChem ITW Reagents

PRODUCT CODE: 252908

Kovacs' Reagent for clinical diagnostics

For detection of indole

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 zun Nachweis der Indolbildung durch Backterien ; N. Kovacs , A. Immunforsch , 55 , 311 (1928) •

HAZARDOUS: VLA-EC (1-Buthanol) 154 mg/m3 VLA-EC (1-Buthanol) 50 ppm VLA-EC (HCl) 10 ppm15 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: 1993 • ADR: 3/III • IMDG: 3/III • IATA: 3/III • PAX: 355 • CAO: 366 • (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