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## FALCON sterile disposable plastic products for collection and transportation of specimens

Tubes— various sizes, plain and screw cap / Cups, with caps / LIQUID-TITE flexible container / SWUBE disposable applicators— single, double, sheath, paddle, and applicator screw cap / RODAC Plate for detection of surface contamination

# on the surface a new technique

The RODAC Culture Dish—a new and exclusive FALCON development—is the first Petri dish which permits the detection of microorganisms on surfaces by direct agar contact.

The RODAC Plate collects, transports, and also cultures the implanted specimen. Any agar of choice can be poured to form a convex surface extending above the plate. The elasticity of the agar makes it possible to determine microbial populations on surfaces with unusual contours as well as flat areas. A Quebec-style grid on the plate makes colony counting simple and rapid.

Write for folder illustrating all fifteen FALCON items used in collection and transportation of specimens.

Products of B-D LABORATORIES are available through your local distributor.



B-D LABORATORIES, INC., RUTHERFORD, NEW JERSEY



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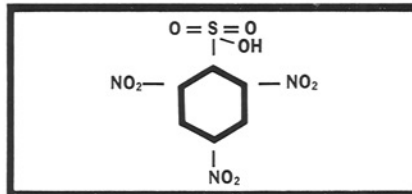
**NBC<sup>o</sup> AVAILABILITIES**

**NEW REAGENT FOR AMINO ACIDS AND PEPTIDES**

PICRYL SULFONIC ACID (2, 4, 6 Trinitrobenzene Sulfonic Acid) reacts specifically with primary amines, amino acids and peptides. Extinction coefficients of the products run from 0.98 to 1.12 x 10<sup>4</sup> for amino acids at a final concentration of N.

This new reagent proved advantageous in the assay of peptides due to similarity of color intensity among various peptides. Trinitrophenyl peptides derivative can be split easily after assay of chromatographic effluent with ammonia.

For example: 1.0 ml of amino acid or peptide (0.01 to 0.08 mMol), 1.0 ml of 4% NaHCO<sub>3</sub>, 1.0 ml of 0.1% picryl sulfonic acid is kept in dark for two hours at 40°C.; acidified with N HCL and optical density measured at 340 mu. (1).



**PRICE SCHEDULE:**

100 grams . . . . .	gm	\$60
25 grams . . . . .	gm	.63
10 grams . . . . .	gm	.70
5 grams . . . . .	gm	.79

Reference: (1) T. Okuyama, K. Satake, J. of Biochemistry (Japan) 47, 654.

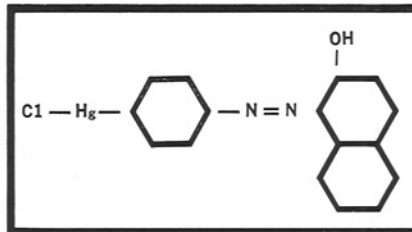
**SPECIFIC STAIN FOR SH GROUPS IN TISSUES**

MERCURY ORANGE (1, (4 Chloromercuri Phenylazo) 2 Naphthol Red Sulphydryl Reagent). Bennett reported that Mercury Orange is specific for attachment solely to SH groups in tissues (1) (2).

The tissue was fixed in trichloroacetic acid, dehydrated in alcohol or prepared by freeze substitution. It was then teased into small fragments. Mercury orange (red sulphydryl reagent) (RSR) was employed as a saturated solution in solvent.

Using this standard, Bennett located SH groups in regions previously not known to contain them, such as nerve cell bodies, in retinal rods and in capillary endothelium.

After testing a number of reagents, Mauri, Vaccari and Kaderavek concluded that only RSR procedure was sufficiently sensitive and specific for thiols in tissues (3).



**PRICE SCHEDULE:**

1 gram bottle . . . . .	gram	\$53.50
100 mg. bottle . . . . .	btl.	7.90

References: (1) H. S. Bennett and P. A. Yphantis, J. Am. Chem. Soc. 70, 3522, (1948). (2) H. S. Bennett, Anat. Rec. 110, 231, (1951). (3) C. E. Mauri, F. Vaccari, and G. P. Kaderavek, Haematologia, 38, 263, (1954).

THE LITERATURE REFERENCES SHOULD NOT BE INTERPRETED AS EITHER AN ENDORSEMENT OR DISAPPROVAL OF THE BIOCHEMICAL BY THE CITED INVESTIGATOR.

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