

## ERRATA

A. B. UPADHYE, M. S. WADIA, V. V. MHASKAR and SUKH DEV; Chemistry of Lac Resin—IV. Pure lac resin—1: Isolation and quantitative determination of constituent acids.

*Tetrahedron* **26**, 4177 (1970)

The following Figs and Structures had been omitted:

Fig 2 (p. 4178).

Figs 3 and Fig 4 (p. 4182).

Structures, series VII to XIII (p. 4181).

Structures, series XV to XXI (p. 4182)

TLC. Silica gel containing 15% plaster of Paris (0.3 mm layer); C<sub>6</sub>H<sub>6</sub> (7 parts)-EtOAc (4 parts)-acetone (4 parts) as solvent system (solvent front. 15 cm); temp. 29 ± 1°.

1.8: Sudan III; 2. methyl butolate and methyl aleuritate; 3. dimethyl *epishello*late; 4. dimethyl *shellolate* and methyl *epilaksholate*; 5. methyl *laksholate*; 6,7: total methyl esters from pure lac resin hydrolysate.

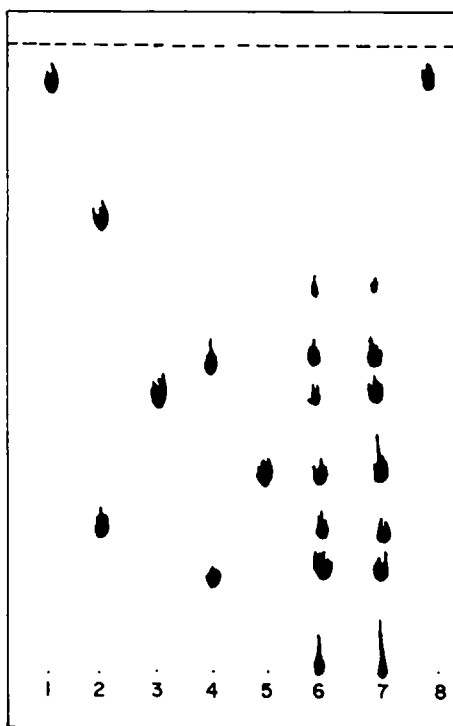


FIG 2. TLC of methyl esters of acids obtained from extended saponification of pure lac resin.

Column: 1.5 meter  $\times$  5 mm. packed with 20% silicone SE-30 on 60-80 mesh Chromosorb W; gas flow .  
50 ml  $H_2$ /min.

2: dimethyl pimelate; 4: dimethyl azelate; 1,3,5-9: unidentified; 10: ketodiester (XV); 11: ketodiester (XVI); 12: keto ether (XVII); 13: keto ether (XVIII); 14: keto triester (IX); 15: keto triester (XIII).

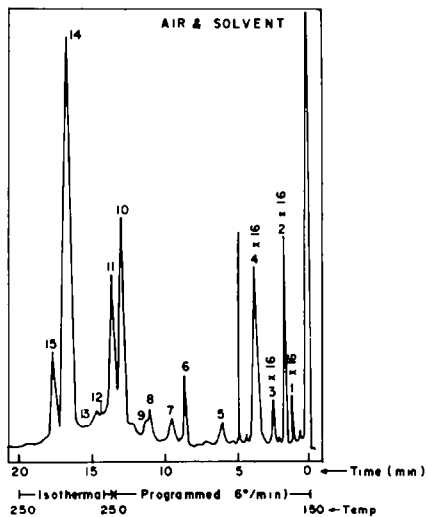


FIG 3. GL Chromatogram of methyl esters (benzene eluate); from Jones oxidation of total lac acids from pure lac resin.

(for remarks see Fig 3; same numbers represent the same compounds in the Fig 3 and Fig 4; 16-19. unidentified).

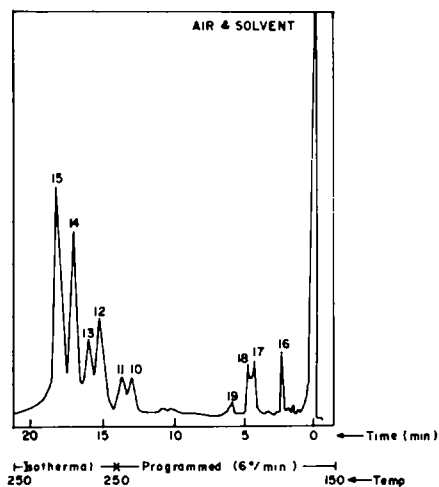
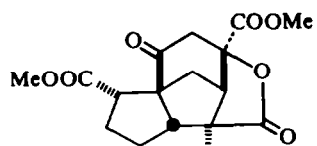
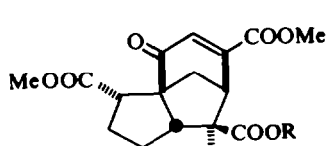


FIG 4. GL Chromatogram of methyl esters (5% EtOAc in benzene eluate); from Jones oxidation of total lac acids from pure lac resin.

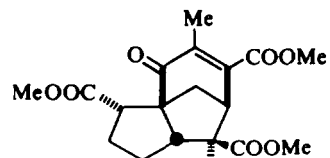


VII

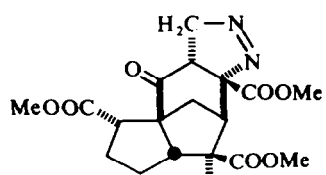


VIII, R = H

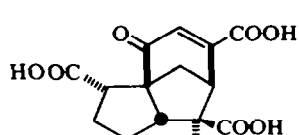
IX, R = Me



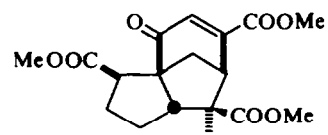
X



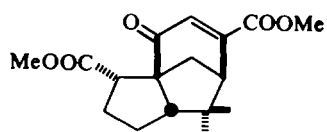
XI



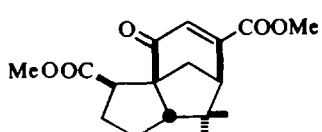
XII



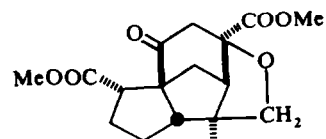
XIII



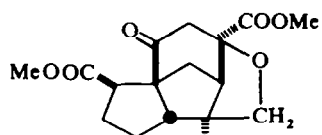
XV



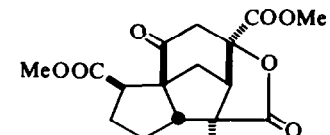
XVI



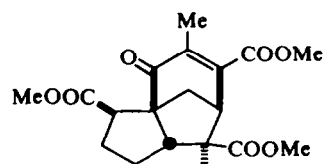
XVII



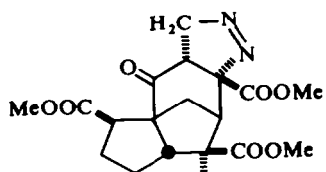
XVIII



XIX



XX



XXI