

Techniques labs for macroscale and microscale organic experiments

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Abstrak

Machine derived contents note:

1. Introduction. 2. Laboratory Safety, Courtesy, and Waste Disposal. 3. Melting Points and Boiling Points. 4. Recrystallization. 5. Distillation. 6. Steam Distillation, Vacuum Distillation, and Sublimation. 7. Extraction. 8. Thin-Layer Chromatography: Analysis of Analgesics and Isolating Lycopene from Tomato Paste. 9. Column Chromatography: Fluorenone, Cholesteryl Acetate, Acetylferrocene, and Plant Pigments. 10. Gas Chromatography: Analysis of Alkene Isomers. 11. Infrared Spectroscopy. 12. Nuclear Magnetic Resonance Spectroscopy. 13. Mass Spectroscopy. 14. Ultraviolet Spectroscopy, Refractive Indices, and Qualitative Instrumental Organic Analysis. 15. Computational Chemistry.