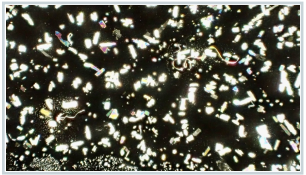
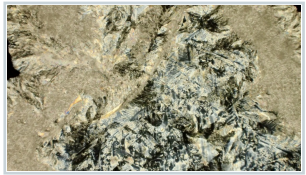
MIKE'S CHEMICALS — PHOTOMICROGRAPH SHEET

A4 landscape

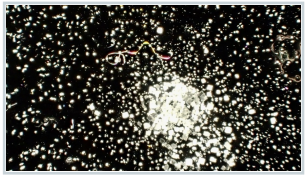
Leeds Microscopical Society • one-page companion sheet to the 2-page reference table • numbering 1–28 matches the chemical list



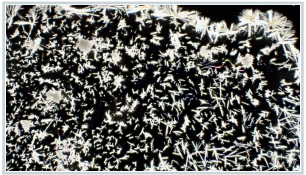
1. Potassium Hydroxide
IMG_4567.jpg



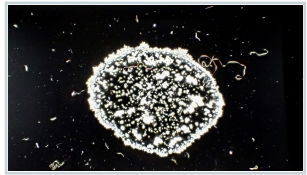
2. Silver Nitrate
IMG_4568.jpg



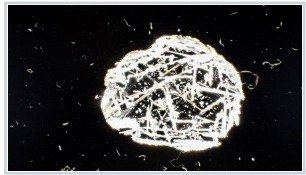
3. Vitamin C (alcoholic)
IMG_4569.jpg



4. Benzotriazole (alcoholic)
IMG_4570.jpg



5. Boric Acid (aqueous)
IMG_4571.jpg



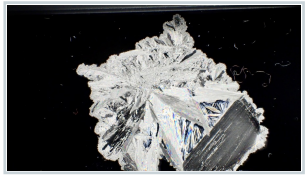
6. Thiourea Dioxide
IMG_4572.jpg



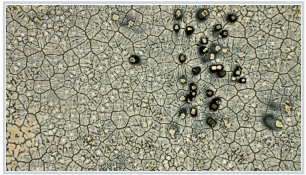
7. Phenidone (alcoholic)
IMG_4573.jpg



8. Hydroquinone
IMG_4574.JPG



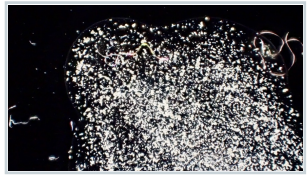
9. Urea (aqueous)
IMG_4575.jpg



10. Vitamin C (aqueous)
IMG_4576.jpg



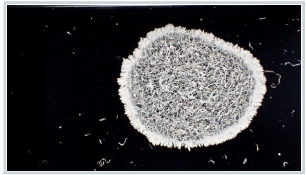
11. Salicylic Acid (alcoholic)
IMG_4577.jpg



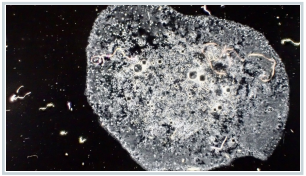
12. Glutamine (aqueous)
IMG_4578.jpg



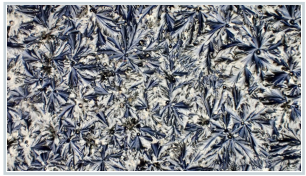
13. Glycine (aqueous)
IMG_4579.jpg



14. Caffeine
IMG_4580.jpg



15. Sodium Thiosulphate
IMG_4581.jpg



16. Paracetamol (alcoholic)
IMG_4582.jpg



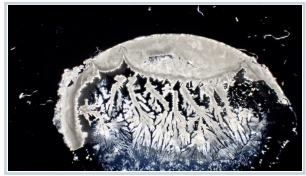
17. Citric Acid (aqueous)
No crystals produced
IMG_4583.JPG



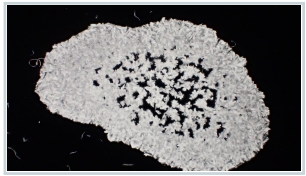
18. Menthol (alcoholic)
No crystals produced
IMG_4584.JPG



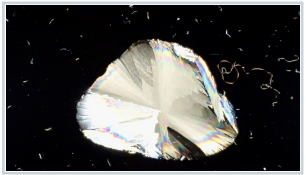
19. Tartaric Acid (aqueous)
IMG_4585.jpg



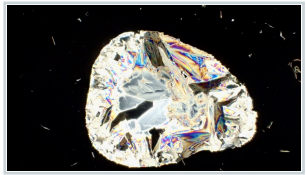
20. Inositol (aqueous)
IMG_4586.jpg



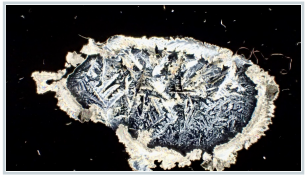
21. Malic Acid
IMG_4587.JPG



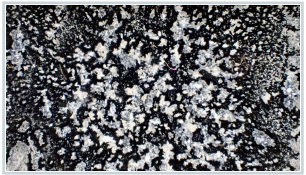
22. Beta-alanine (aqueous)
IMG_4588.jpg



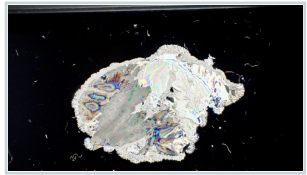
23. Magnesium Sulphate (aqueous)
IMG_4589.jpg



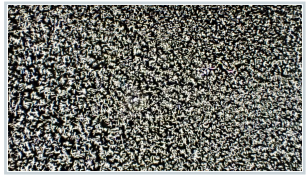
24. Betaine Hydrochloride (aqueous)
IMG_4590.jpg



25. Stearic Acid (alcoholic)
IMG_4591.jpg



26. Erythritol (aqueous)
IMG_4592.jpg



27. Oxalic Acid (alcoholic)
IMG_4593.jpg



28. Benzotriazole (aqueous)
IMG_4594.jpg

Images supplied from the iPad Photos album "1 Mikes Chemicals". Slides 17 and 18 are marked as failed to produce crystals. Prepared as a compact photographic companion sheet to the LMS reference table.

Autumn has arrived.

8 | Hydroquinone | Polarised-light photomicrograph



This image features Hydroquinone crystals grown from a solution in alcohol, captured using polarized light microscopy. The unique optical technique reveals the intricate, sharp, needle-like and platy structures of the substance, which interact with polarized light to produce high-contrast metallic and iridescent patterns against a dark background.