Plate 22 Chromatography: Liquid  Light micrograph in interference contrast illumination of particles used in a high-pressure liquid Chromatography (HPLC) column. These tiny particles use strong anionic exchange (SAX) to cause the change in movement rates of the liquid's components through the HPLC column. SAX involves the exchange of a negative ion of a component in the liquid with a similarly charged ion in the column particles. Non-ionic components, or those with ionic charges different to that of the particles, are unaffected. Magnification x200 at 35mm size. (With permission from Andrew Syred / Science Photo Library).