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**EXPERIENCED ANALYST** required by firm of manufacturers in London producing pharmaceutical preparations. The prospects are excellent and there is a pension scheme. Applications will be treated in strictest confidence and should include age, qualifications and experience. Please address to Box No. 3939, THE ANALYST, 47 Gresham Street, London, E.C.2.

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#### RESEARCH ANALYST

**MIDLAND SILICONES LTD.** require a Chemist to work on research problems associated with the analysis of silicones and organo-silicon compounds. The work is extremely varied, involving both physical and chemical methods, and encouragement is given for the publication of original papers.

Candidates, up to 35 years old, should possess a degree or equivalent qualification in chemistry, but consideration will be given to unqualified men with a wide experience of general analysis. This post requires a man who is really interested in this type of work. He should be capable of working on his own initiative and will be required eventually to form a small section and to direct its work.

The laboratories are situated at Barry, Glamorgan. The post is permanent, and a good starting salary is offered. The Company has a non-contributory pension scheme, and house-purchase facilities may be available. Applications, stating briefly, age, qualifications and experience should be addressed to: Staff Officer (Ref. 359), Albright & Wilson Ltd. (with whom Midland Silicones Ltd. is associated), P.O. Box 3, Oldbury, Birmingham.

**A PROJECTED** mining enterprise in Sierra Leone requires immediately a **CHIEF ANALYTICAL CHEMIST**.

Applicants should be University graduates or Fellows of the Royal Institute of Chemistry with substantial experience in the Inorganic Analytical field, including water analysis. Duties will include full responsibility for the Assay Department. This is a permanent appointment for which the salary in the first instance will be in the range £1,700-£2,200 per annum. Free furnished accommodation, and free messing during the initial stages of the enterprise. At present there are no married quarters. Tours will be up to 15 months with generous home leaves. Applications, which will be treated in strict confidence, should contain full personal details and also qualifications and experience, quoting reference S.9, to be sent to Box No. 3938, THE ANALYST, 47 Gresham Street, London, E.C.2.

**SOUTHAMPTON C.B.C.** Analyst's Dept. requires First Assistant Analyst. N.J.C. conditions. A.P.T. Grades IV to V (£727 15s. to £994 5s. p.a.). Commencing salary in this range according to qualifications and experience. Applications, with three recent testimonials, to Borough Analyst, "Spetchley," Cobden Avenue, Bitterne Park, Southampton, by May 29th, 1957.

**ASSISTANT ANALYST** required. Salary £609-£784 plus £26 in certain circumstances. Recently qualified or partially qualified person, preferably with some experience in analysis of foods and/or drugs. Five-day week. Applications within one week of this advertisement to City Analyst, Council House, Coventry.

**BIOCHEMICAL RESEARCH ASSISTANT** required for investigation of thyroid disease. Work will be mainly analytical and experience in clinical chemical analysis would be an advantage. B.Sc., A.M.I.L.T., or equivalent qualification at technician grade. Applications should be submitted to the undersigned within the next 21 days: C. C. Carus-Wilson, Clerk to the Governors, St. Bartholomew's Hospital, London, E.C.1.

**ASSISTANT ANALYST**, chemical or pharmaceutical qualification desirable, for pharmaceutical quality control. Scope for initiative in new technique development. Five-day week and pension scheme operate. Full details of previous experience, in writing to Thornton & Ross, Ltd., Linthwaite Laboratories, Huddersfield.

## Vacancies for ANALYTICAL CHEMISTS

### Imperial Chemical Industries Limited Billingham Division.

There are opportunities in the process and research analytical departments of Imperial Chemical Industries Limited, Billingham Division, for professionally qualified and experienced analysts accustomed either to the control of routine analytical work or to analysis associated with research work in chemistry.

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Write for application form to the Staff Manager, Imperial Chemical Industries Limited, Billingham Division, Billingham, Co. Durham, quoting reference P/1/4.

**ANALYST** back volumes and sets wanted to buy for cash. Also other scientific journals. Write to A. Ashley, 27, East 21 St., New York, 10, N.Y., U.S.A.

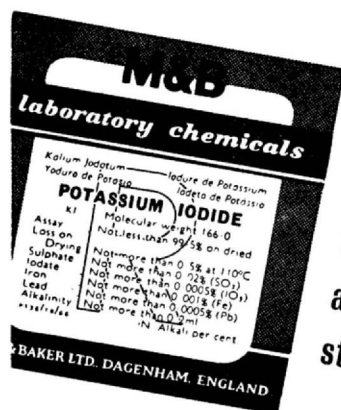
**CHEMICAL MARKET RESEARCH ASSISTANT** wanted to take charge of internal operations of market research section including supervision of technical library. Qualifications required are a degree or equivalent in chemistry and some experience in industry or technical librarianship. A knowledge of statistical methods would be an advantage. As the duties will include liaison with Sales and Research Departments and occasional field work personality will be a factor influencing the appointment. Salary according to qualifications and experience, superannuation scheme and canteen facilities available. This post is open to Lady Graduates. Apply in confidence to Sales Development Manager, Lankro Chemicals Ltd., P.O. Box No. 1, Eccles, Manchester.

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**A PHARMACEUTICAL COMPANY IN THE WEST LONDON AREA** invites applications from men with B.Sc. or A.R.I.C. for the position of Senior Analyst. Applicants should be about 30 years of age, have some years post-graduate experience in a wide field of analytical chemistry, and be capable of taking responsibility in an executive capacity. The duties may include analysis of competitive toilet and pharmaceutical products, development of physical and chemical methods for production control, the supervision of laboratory staff, and the analyses associated with experimental work. The post is progressive, the conditions of employment are good and there are pension and profit participation schemes in operation. Applications in writing should give age, salary required, fullest details of experience and education, and be sent to Box No. 3942, THE ANALYST, 47 Gresham Street, London, E.C.2.



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## M. Peligot finds uranium

*M. Peligot has communicated to the Annales de Chimie et Physique (xvii, 363) a short note on the preparation of uranium. A mixture of 75 grammes of uranous chloride, 150 grammes of dry potassium chloride, and 50 grammes of sodium in fragments is introduced into a porcelain crucible, itself surrounded by a plumbago crucible. The reaction is effected in a wind furnace at the temperature of redness; but the heat must be increased for a short time at the close of the operation. In the black slag may be found, after cooling, globules of fused uranium.*



The new method of producing uranium was announced in the first issue of *Nature* in 1869. Monsieur Peligot, who twenty-eight years before had first isolated the metal, discovered by Klaproth in 1789, was opening the door a little more widely to the possibility of an Atomic Age a century later. In recent years the priority attaching to the atomic energy programme has restricted their availability, but uranium compounds are now again available and figure among the several thousand fine chemicals of very high purity supplied by B.D.H. for science and industry. The B.D.H. catalogue contains more than 6,000 laboratory chemicals and reagents. Of these some hundreds in addition to 'AnalaR' and 'M.A.R.' chemicals, are labelled with specifications of purity.

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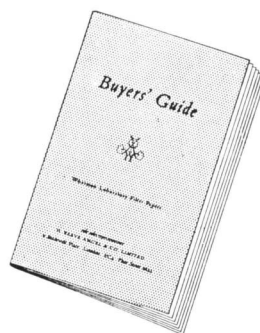
In this, the last advertisement of the series, our concern has shifted from chromatography itself to the paper that makes it possible. A problem the paper technologist has to face is the absence of any complete theoretical account of what happens to solutes and solvents within the cellulose texture. Lacking a definitive physical chemistry, he must apply to paper production not only his technical knowledge, but also an empiricism born of considerable craftsmanship and experience.

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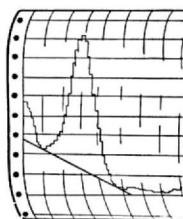
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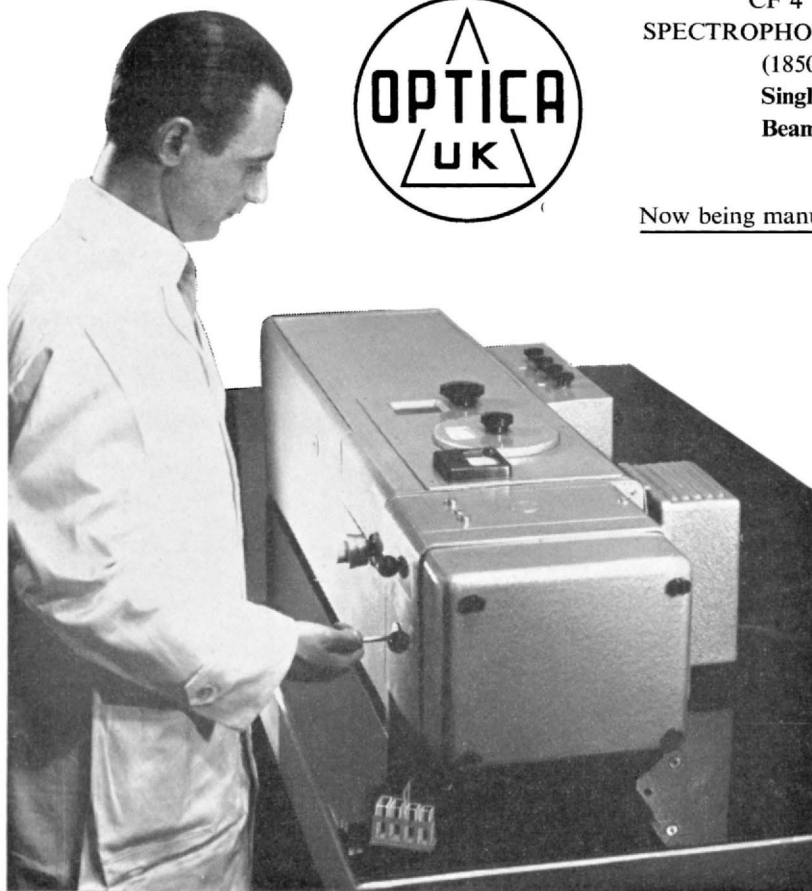
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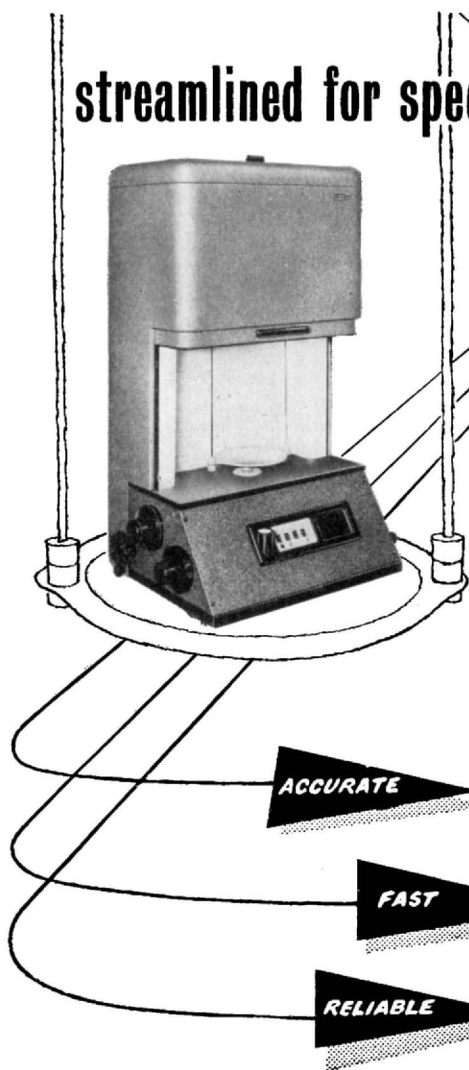
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