

## CHEMICAL AND MEDICAL NEWS.

*On a New Class of Compound Ammonias.* By M. A. WURTY, Academy of Sciences. December 24, 1867.

The isomerism between pseudo-amylic alcohol and ordinary amylic alcohol, which Dr. Wurty has shown to extend to the ureas, is in this note proved to extend also to the ammonias. He has here described isoamylamine. To prepare it, pseudo-amylurea is heated for some days with very concentrated caustic potash, and then distilled from baryta. The new ammonia boils at  $78.5^{\circ}$ : its density at zero is 0.755. Like amylamine, isoamylamine possesses a strong ammoniacal odour, it mixes with water, precipitates metallic oxides, and dissolves oxide of copper. The hydrochlorate crystallises in brilliant octahedra, which are efflorescent in the air. The platinous salt is very soluble in alcohol; this distinguishes it from amylamine, the platinous salt of which is insoluble. The gold salt is also soluble.

**ACTION OF CHLORINE ON AMYLENE.**—M. Bauer, in an article in *Zeitschr. Chem.*, p. 380, stated that at  $17^{\circ}$  C. chlorine is absorbed by amylene without any sensible disengagement of hydrochloric acid; at the boiling point the disengagement takes place, and at the same time there are separated:—1. Chlor-amylene,  $C_{10}H_9Cl$ , boiling from  $90^{\circ}$  to  $95^{\circ}$  C.; 2. Chloride of amylene  $C_{10}H_{10}Cl_2$ ; 3. Chlorineted chloride of amylene,  $C_{10}H_9Cl_3$ , crystallising in camphorated masses; 4. Bi-chlorineted chloride of amylene,  $C_{10}H_8Cl_4$ ,—a heavy limpid liquid, boiling at  $230^{\circ}$  to  $240^{\circ}$  C.

Dr. Horace Green, LL.D., Member of the Medical Society of the County of New York, Fellow of the N. Y. Academy of Medicine, and up to the period of its discontinuance, President Professor Emeritus of Theory and Practice of Medicine in the N. Y. Medical College, died November 29th at Sing Sing, N. Y., aged 64 years. His name was prominently connected with the subject of the introduction of the probang into the trachea, and the injection of tubercular cavities, both of which matters gave rise to an animated discussion before the Academy.

What the late Professor Mutter did for Philadelphia, the widow of the late Professor Valentine Mott has done for New York. At an expense of more than \$30,000, she has purchased, enlarged and fitted up, at No. 58 Madison Avenue, between 27th and 28th streets, a building, in which are deposited the medical library, and the surgical instruments of her late husband, the distinguished American Surgeon, Valentine Mott.—*Medical and Surgical Reporter.*