Sodium, Oxide (Soda)	1 Sodium = 24 1 Oxygen = 8		32
Strychnia			380
Sulphur			16
Sulphuretted Hydrogen	1 Sulphur = 16 1 Hydrogen = 1		17
Tin			59
Water	1 Oxygen = 8 1 Hydrogen = 1		9
Zinc			34
—— Oxide	1 Zinc = 34 1 Oxygen = 8		42
—— Carbonate	1 Oxide of Zinc = 42 1 Carbonic Acid = 22		64
—— Sulphate (dry)	1 Oxide of Zinc = 42 1 Sulphuric Acid = 40		82
———— (crystallised)	1 Dry Sulphate = 82 6 Water (9 × 6) = 54		136

No. VI.

METHOD OF OBTAINING MECONATE OF MORPHIA.

Reduce good Opium to powder, put it into a paper filter, add distilled water to it, and slightly agitate it; and in this way wash it till the water pass through colourless, after which pass a little diluted alcohol through it; dry the insoluble portion (now diminished to one half), in a dark place; digest it, when dry, in strong alcohol for a few minutes, applying heat; separate this solution, which, by cooling, and after evaporation, will yield crystallized meconate of Morphia of a pale straw colour. *Gior. di Fisica*, viii. 218. Quoted in the *Quarterly Journ. of Science*, vol. xx. p. 399.