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Box III Text of the abstract

Ethylenediamine (EDA) compositions and methods for making the EDA that is suitable for use in thin-film semiconductor processing applications, are disclosed. The EDA is purified to remove water and trace metals. Water levels below about 50 ppm by weight are achieved by passing liquid through 3A type molecular sieve in a packed bed. Metallic impurities are removed by distillation, resulting in less than about 100 ppb trace metals, and the resulting product is packaged in specially dried and optionally pre-conditioned containers.