

magnetic susceptibility

For paramagnetic materials, the magnetic susceptibility may be measured experimentally and used to give information on the molecular magnetic dipole moment, and hence on the electronic structure of the molecules in the material. The paramagnetic contribution to the molar magnetic susceptibility of a material, χ , is related to the molecular magnetic dipole moment m by the Curie relation: $\chi = \frac{\text{constant} \times m^2}{T}$.

Source:

PAC, 1997, 69, 1251 (*Glossary of terms used in bioinorganic chemistry (IUPAC Recommendations 1997)*) on page 1284