

A03

TEXRAY™ CCD detectors

Joseph D. Ferrara, K. Crane, R. D. Gardner, N. D. Jones, J. W. Pflugrath, J. M. Troup, and B. R. Vincent

Molecular Structure Corporation, 3200 Research Forest Drive, The Woodlands, Texas 77381

We have designed and built TEXRAY™ CCD detectors with properties suitable for single crystal data collection on both small molecules and macromolecules. Characterization and use of 70 mm x 70 mm and 140 mm x 140 mm aperture detectors will be discussed in the context of the synchrotron source.