

Rapid Analysis of Pharmaceuticals with EIGER2 R 500K Multimode Detector

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Characterization via X-ray Powder Diffraction (XRPD) is an essential technique in the pharmaceutical industry with relevance to high throughput screening (HTS), structural analysis of candidate materials, polymorph confirmation, scale up and method transfer, and positive material identification in quality assurance/control. Here, we highlight several case studies involving pharmaceutical XRPD, such as non-ambient diffraction, transmission geometries, scanning 2D analysis, characterization of large-grained materials, and rapid data collection via Snapshot mode.