

**Editing and Publication of Raw Powder Diffraction Patterns:
The PDF-3 Project**

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Raw powder diffraction patterns have been submitted by Grantees, ICDD members and contributors in increasing quantities over the past decade, and raw data submission is now a standard requirement for the ICDD Grant-in-Aid Program. Beginning in 2007, comprehensive evaluation of raw powder diffraction data was added as a new step to the ICDD editorial process. The benefits of evaluating the raw data are two-fold; the editorial work increases the quality of individual PDF entries, and high quality, raw powder diffraction patterns can be included in the database as a new resource for database users. Over 2600 raw powder diffraction patterns will be included in PDF-4+ Release 2008, including clays and other poorly crystalline phases which are difficult to comprehensively describe with a traditional d-spacing-Intensity (d-I) list.