

ICDD 2016–2017 Product Summary

Data Entry Source	PDF-2 2016	PDF-4+ 2016 WebPDF-4+ 2016	PDF-4/ Minerals 2016	PDF-4/ Organics 2017
00- ICDD	115,066	115,066	12,031	39,395
01- FIZ	165,264	67,498	12,294	12,185
02- CCDC	0	0	0	431,359
03- NIST	10,067	2,960	216	281
04- MPDS	0	198,367	19,748	0
05- ICDD Crystal Data	722	722	52	32,785
Total No. of Data Sets	291,119	384,613	44,341	516,054
Subfile Distribution:				
Inorganic	258,130	351,612	44,285	33,943
Organic	41,386	42,229	701	505,530
New Entries	12,616	18,736	1,489	14,090
Rietveld—No. with atomic coordinates	0	271,449	33,574	96,825
Reference Intensity Ratio (RIR)— I/I_0	193,567	286,885	33,362	484,021
Experimental Digital Patterns	0	11,287	127	6,062
Pattern Fitting—Calculated Digital Patterns	0	384,613	44,341	516,054

All ICDD databases combine the power of both powder diffraction and crystal structure reference data. We are the only crystallographic database in the world with quality marks and quality review processes that are ISO certified. Each PDF database includes our integrated data mining software.

PDF-2 2016

Quality + Value

- Designed for rapid, accurate phase identification
- Cost effective license (licensed for 5 years + one optional 5 year license extension)

PDF-4+ 2016

Identify and Quantitate

- Designed for phase identification and quantitative analysis
- Features digitized patterns, molecular graphics, and atomic coordinates
- Data simulation programs enables the analysis of X-ray, neutron, electron, and synchrotron data

WebPDF-4+ 2016

Data When and Where You Work

- Provides portability to the PDF-4+ via the internet
- Equivalent to PDF-4+

PDF-4/Minerals 2016

Size Does Matter

- The most comprehensive collection of mineral data
- 44,341 minerals and related materials
- Includes all the features of PDF-4+

PDF-4/Organics 2017

Solve Difficult Problems, Get Better Results

- Highly targeted collection of materials used in commercial and regulatory fields
- Largest collection of pharmaceuticals, excipients, and polymers
- Includes ICDD's search-indexing software, Sleve+, as an added value

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