

# ICDD<sup>®</sup> 2024 Product Summary

Data Entry Source	PDF-5+ 2024 PDF-5+/Web 2024	PDF-4/ Axiom 2024	PDF-4/ Minerals 2024	PDF-2 2024
00- ICDD	125,448	38,031	13,114	125,448
01- FIZ	96,440	13,569	14,788	213,378
02- CCDC	509,918	0	0	0
03- NIST	2,827	379	229	10,067
04- MPDS	271,047	56,060	23,733	0
05- ICDD Crystal Data	56,218	0	75	869
Total No. of Entries	1,061,898	108,039	51,939	349,762
Subfile Distribution:				
Inorganic	442,671	95,694	51,300	295,9317
Organic	632,058	12,483	776	55,228
New Entries	42,081	2,761	989	10,213
Rietveld—No. with atomic coordinates	586,704	78,592	42,772	0
Reference Intensity Ratio (RIR)— $I/I_0$	956,655	77,567	40,111	244,553
Experimental Digital Patterns	19,434	8,984	203	0

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<sup>®</sup> database includes our integrated data mining software.

## PDF-5+ 2024

### Phase Identification and Quantitation

- 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

## PDF-5+/Web 2024

### Data on the Go

- Provides portability to the PDF-5+ via the internet
- Equivalent to PDF-5+

## PDF-4/Axiom 2024

### Quality Plus Value

- Focused on Identification and Quantitation
- Low cost, 3 year license, no subscription
- 6 and 9-year prepaid packages available
- Optional: Two additional seats (3 year license term)
- Requires diffraction equipment manufacturer or vendor software

## PDF-4/Minerals 2024

### Comprehensive Mineral Collection

- The most comprehensive collection of mineral data
- 51,939 minerals and related materials
- Includes all the features of PDF-5+

## PDF-2 2024

### Phase Identification + Value

- Designed for rapid, accurate phase identification
- Cost effective
- 5 years license term
- 10 year prepaid package available

**NEW for 2024: All PDF databases now include Sieve/Sieve+ at no additional cost!**



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