

**Cambridge Structural Database**  
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***CSD R-factor Statistics***

The precision of crystal structure determinations is often assessed using the crystallographic R-factor, a measure of how well the structure factors computed using the refined structural model agree with structure factors given by the experimentally observed diffraction intensities. CSD structures with unreported R-factors often arise from short communications, and most frequently from the earlier literature.

R-factor range	No. in range	% CSD	Cumulative %
0.0100-0.0300	100841	11.6	11.6
0.0301-0.0400	182351	21.0	32.6
0.0401-0.0500	195763	22.5	55.1
0.0501-0.0700	232878	26.8	81.9
0.0701-0.0900	87800	10.1	92.0
0.0901-0.1000	19957	2.3	94.3
0.1001-0.1500	26985	3.1	97.4
0.1501-	5526	0.6	98.0
Not reported	17194	2.0	100.0