Example Table:

Solubility Data: Crystal in a Liquid Solvent

TABLE 4

Experimental mole fraction solubilities x of dihydroxy-TDUD(cr) in liquid solvents at temperature T and pressure p = 0.1 MPa.[a]

Solvent	T/K	x	Solvent	T/K	x	Solvent	T/K	x
butanone	293.16	0.00060	1,4-dioxane	293.16	0.00025	benzene	293.16	0.00031
	298.17	0.00070		298.17	0.00028		298.17	0.00038
	303.16	0.00080		303.16	0.00031		303.16	0.00047
	308.17	0.00100		308.17	0.00035		308.17	0.00059
	313.16	0.00110		313.16	0.00040		313.16	0.00070
	318.18	0.00130		318.18	0.00045		318.18	0.00088
	323.16	0.00150		323.16	0.00050		323.16	0.00103
	328.16	0.00160		328.16	0.00055		328.16	0.00123
	333.17	0.00180		333.17	0.00060		333.17	0.00146
chloroform	293.16	0.00046		338.15	0.00066		338.15	0.00176
	298.17	0.00054	ethyl	293.16	0.00078	methyl-	293.16	0.00046
	303.16	0.00067	ethanoate	298.17	0.00092	benzene	298.17	0.00059
	308.17	0.00081		303.16	0.00109		303.16	0.00071
	313.16	0.00094		308.17	0.00129		308.17	0.00086
	318.18	0.00114		313.16	0.00152		313.16	0.00104
	323.16	0.00137		318.18	0.00177		318.18	0.00122
	328.16	0.00163		323.16	0.00204		323.16	0.00146
	333.17	0.00192		328.16	0.00229		328.16	0.00176
	338.15	0.00222		333.17	0.00271		333.17	0.00209
dichloromethane	291.16	0.00027		338.15	0.00315		338.15	0.00248
	295.18	0.00032	ethanoic acid	293.16	0.00017	cyclohexane	293.16	0.00016
	299.16	0.00037		298.17	0.00022		298.17	0.00019
	303.19	0.00045		303.16	0.00026		303.16	0.00022
	305.20	0.00048		308.17	0.00032		308.17	0.00025
	309.15	0.00056		313.16	0.00040		313.16	0.00028
diethyl ether	291.16	0.00053		318.18	0.00048		318.18	0.00032
	295.18	0.00073		323.16	0.00057		323.16	0.00037
	299.16	0.00096		328.16	0.00067		328.16	0.00041
	303.19	0.00124		333.17	0.00078		333.15	0.00046
	305.20	0.00140		338.15	0.00092		338.15	0.00052

[a] Standard uncertainties u are $u(T)$ = 0.05 K, $u_r(p)$ = 0.05, $u_r(x)$ = 0.02.