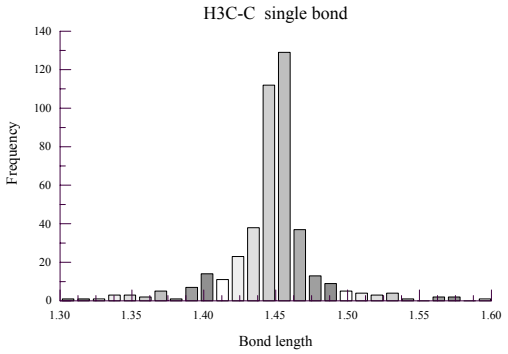
Solvent Table CH_3CN

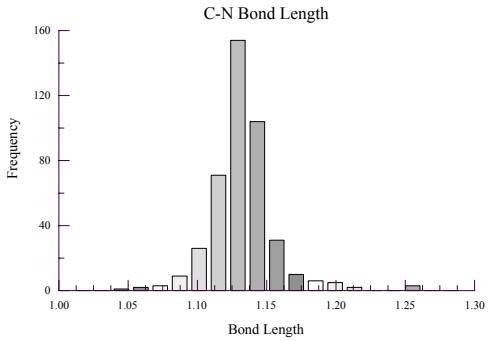
Information

Formula C_2H_3N weight 41.05 amu

H_3C_1 - $C_2 \cong N_3$

C1-C2	1.438 (64)
C2-N3	1.147 (76)
C1..N3	2.585 (ideal value for 180 angle)
C1..N3	2.581 (52)





Cambridge Crystallographic DataBase 5.24 April 2003.
Temperature < 90C, no disorder, no errors, R < 5%
Number of Bond Lengths 445

C1-C2

Minimum value: 1.064 ,Maximum value: 1.601, Median: 1.449, Arithmetic mean: 1.438, Geometric mean: 1.436, Quadratic mean: 1.439, Harmonic mean: 1.434, Absolute mean: 1.438, Variance: 0.0041, Standard deviation: 0.064, Absolute deviation: 0.032, Standard error: 0.0030, Skewness: -3.557

C2-N3

Minimum value: 0.954, Maximum value: 1.655, Median: 1.133, Arithmetic mean: 1.147, Geometric mean: 1.144, Quadratic mean: 1.149, Harmonic mean: 1.143, Absolute mean: 1.147, Variance: 0.0058, Standard deviation: 0.076, Absolute deviation: 0.034, Standard error: 0.0036, Skewness: 4.286

Orthogonal Coordinates

N3	1.4366	0.1173	0.1096
C2	0.2870	0.1266	-0.0726
C1	-1.1608	0.1383	-0.3021
H1	-1.6548	-0.6232	0.3422
H2	-1.5770	1.1416	-0.0590
H3	-1.3794	-0.0946	-1.3683