NATURAL LOCALIZED MOLECULAR ORBITAL (NLMO) ANALYSIS:

Maximum off-diagonal element of DM in NLMO basis: 0.74927D-10

Hybridization/Polarization Analysis of NLMOs in NAO Basis:
NLMO/Occupancy/Percent from Parent NBO/ Atomic Hybrid Contributions

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1.	(2.00000)	99.6544%	BD (1) H 1- N 3
			28.951% H 1 s(100.00%)
			70.708% N 3 s(30.18%)p 2.31(69.82%)
			0.253% C 4 s(5.84%)p16.14(94.16%)
			0.076% O 5 s(43.76%)p 1.29(56.24%)
2.	(2.00000)	99.6610%	BD (1) H 2- N 3
			28.425% H 2 s(100.00%)
			71.242% N 3 s(29.47%)p 2.39(70.53%)
			0.196% C 4 s(1.34%)p73.58(98.66%)
			0.040% O 5 s(19.63%)p 4.09(80.37%)
			0.092% H 6 s(100.00%)
3.	(2.00000)	99.9141%	BD (1) N 3- C 4
			0.012% H 1 s(100.00%)
			0.016% H 2 s(100.00%)
			64.097% N 3 s(37.96%)p 1.63(62.04%)
			35.830% C 4 s(32.46%)p 2.08(67.54%)
			0.013% O 5 s(2.79%)p34.84(97.21%)
			0.033% H 6 s(100.00%)
4.	(2.00000)	99.9625%	BD (1) C 4- O 5
			0.037% N 3 s(0.00%)p 1.00(100.00%)
			30.529% C 4 s(0.00%)p 1.00(100.00%)
			69.434% O 5 s(0.00%)p 1.00(100.00%)
5.	(2.00000)	99.9011%	BD (2) C 4- O 5
			0.056% H 1 s(100.00%)
			0.028% N 3 s(10.43%)p 8.59(89.57%)
			34.069% C 4 s(32.20%)p 2.11(67.80%)
			65.833% O 5 s(41.38%)p 1.42(58.62%)
6.	(2.00000)	99.4640%	BD (1) C 4- H 6
			0.296% H 2 s(100.00%)
			0.153% N 3 s(43.44%)p 1.30(56.56%)
			58.566% C 4 s(36.27%)p 1.76(63.73%)
			0.051% O 5 s(2.05%)p47.81(97.95%)
			40.930% H 6 s(100.00%)
7.	(2.00000)	99.9610%	CR (1) N 3
			99.963% N 3 s(100.00%)p 0.00(0.00%)
			0.024% C 4 s(17.87%)p 4.60(82.13%)
8.	(2.00000)	99.9694%	CR (1) C 4
			99.974% C 4 s(100.00%)p 0.00(0.00%)
			0.015% H 6 s(100.00%)
9.	(2.00000)	99.9814%	CR (1) O 5
			0.014% C 4 s(15.50%)p 5.45(84.50%)
			99.986% O 5 s(100.00%)p 0.00(0.00%)
10.	(2.00000)	90.3414%	LP (1) N 3
			90.341% N 3 s(0.00%)p 1.00(100.00%)
			6.702% C 4 s(0.00%)p 1.00(100.00%)
			2.957% O 5 s(0.00%)p 1.00(100.00%)
11.	(2.00000)	99.1301%	LP (1) O 5
			0.019% H 1 s(100.00%)
			0.030% H 2 s(100.00%)
			0.030% N 3 s(9.83%)p 9.18(90.17%)
			0.736% C 4 s(15.34%)p 5.52(84.66%)
			99.130% O 5 s(58.64%)p 0.71(41.36%)
			0.053% H 6 s(100.00%)

12. (2.00000) 94.2730% LP (2) O 5
                          0.140% H 1 s(100.00%)
                          0.070% H 2 s(100.00%)
                          1.107% N 3 s(63.37%)p 0.58(36.63%)
                          3.025% C 4 s(1.57%)p62.67(98.43%)
                         94.273% O 5 s(0.01%)p 1.00(99.99%)
                          1.384% H 6 s(100.00%)