

Basis Element	STO-3G Number	Gaussian	NRLMOL	Difference
H	1	-0.464374821	-0.464375721	8.9950E-007
He	2	-2.83016682	-2.830169448	2.6279E-006
Li	3	-7.339540084	-7.339544372	4.2883E-006
Be	4	-14.40592472	-14.40593088	6.1655E-006
B	5	-24.22450955	-24.21781146	0.006698097
C	6	-37.28681935	-37.28371641	0.003102946
N	7	-53.81468605	-53.81469917	1.3126E-005
O	8	-73.94875243	-73.93745833	0.011294101
F	9	-98.16853125	-98.16284938	0.005681864
Ne	10	-126.8106783	-126.8106986	2.0313E-005
Na	11	-159.9533348	-159.9533572	2.2361E-005
Mg	12	-197.3173269	-197.3173533	2.6417E-005
Al	13	-239.1660034	-239.1633379	0.002665479
Si	14	-285.7712794	-285.7716058	0.000326401
P	15	-337.1790521	-337.1790801	2.8036E-005
S	16	-393.4789064	-393.4757655	0.00314092
Cl	17	-454.9133772	-454.9139516	0.000574376
Ar	18	-521.6284175	-521.6285296	0.000112137
K	19	-593.5311162	-593.5311599	4.3630E-005
Ca	20	-670.4787867	-670.4789021	0.0001154
Sc	21	-752.5443831	-752.5833127	0.03892962
Ti	22	-840.1697268	-840.2560424	0.086315576
V	23	-933.6433116	-933.751855	0.108543409
Cr	24	-1032.944077		
Mn	25	-1138.218054		
Fe	26	-1249.648937		
Co	27	-1366.997189		
Ni	28	-1489.015679		
Cu	29	-1621.13278		
Zn	30	-1757.27402		
Ga	31	-1894.596091		
Ge	32	-2052.27562		
As	33	-2210.070974		
Se	34	-2374.363492		
Br	35	-2545.501378		
Kr	36	-2723.590953		