

Table 30A-1-001. NaNO₃. Fractional coordinate, anisotropic thermal parameters of O atom, and bond length of N-O with their standard deviations in phase II [67Che]. $T = 25$ °C. Hexagonal setting is used. Na at (0, 0, 0), (0, 0, 1/2); N at (0, 0, 1/4), (0, 0, 3/4); O at (x, 0, 1/4), (x, x, 1/4), (x, 0, 3/4), (x, 0, 3/4), (0, x, 3/4), (x, x, 3/4). U_{ij} is defined by Eq. (d) in Introduction.

x	0.2488	($\sigma = 0.0003$)
N–O	1.241 Å	($\sigma = 0.002$ Å)
U_{11}	0.2301 Å ²	($\sigma = 0.0009$ Å ²)
U_{22}	0.3833 Å ²	($\sigma = 0.0015$ Å ²)
U_{33}	0.0359 Å ²	($\sigma = 0.0010$ Å ²)
U_{23}	−0.0134 Å ²	($\sigma = 0.0067$ Å ²)

Table 30A-1-002. NaNO₃. Elastic stiffnesses and compressibilities at various T [82Ram]. $c_{\lambda\mu}$: elastic stiffness. K : volume compressibility. K_{\parallel} , K_{\perp} : linear compressibilities parallel and perpendicular to the c axis, respectively. $K = (c_{11} + c_{12} + 2c_{33} - 4c_{13})/D$, $K_{\parallel} = (c_{11} + c_{12} - 2c_{13})/D$, $K_{\perp} = (c_{33} - c_{13})/D$. $D \equiv (c_{11} + c_{12})c_{33} - 2c_{13}^2$.

T	c_{11}	c_{33}	c_{44}	c_{12}	c_{13}	c_{14}	K	K_{\parallel}	K_{\perp}
[K]	[$\cdot 10^{10}$ N m ^{−2}]						[$\cdot 10^{-11}$ m ² N ^{−1}]		
77	6.63	3.99	1.69	2.07	1.67	1.16	3.43	1.84	0.80
100	6.55	3.93	1.60	2.10	1.66	1.13	3.46	1.87	0.80
120	6.49	3.88	1.57	2.12	1.66	1.10	3.48	1.89	0.79
140	6.42	3.83	1.54	2.14	1.66	1.08	3.51	1.92	0.79
160	6.35	3.78	1.51	2.17	1.66	1.04	3.53	1.94	0.79
180	6.28	3.72	1.48	2.19	1.66	1.00	3.54	1.97	0.79
200	6.17	3.65	1.42	2.20	1.66	0.96	3.58	2.01	0.79
220	6.08	3.57	1.38	2.23	1.66	0.92	3.64	2.06	0.78
240	5.98	3.49	1.34	2.26	1.69	0.88	3.68	2.11	0.78
260	5.89	3.42	1.30	2.19	1.69	0.85	3.72	2.14	0.79
280	5.79	3.35	1.27	2.17	1.67	0.84	3.78	2.19	0.80
300	5.71	3.3	1.24	2.16	1.66	0.82	3.82	2.22	0.80