

| 145<br>MW | CInN         | Indium(I) cyanide   | $C_{\infty v}$<br>In–C $\equiv$ N |
|-----------|--------------|---------------------|-----------------------------------|
|           | $r_0$        | $\text{\AA}^a$      |                                   |
|           | In–C         | 2.2622(35)          |                                   |
|           | C $\equiv$ N | 1.1456(53)          |                                   |
|           | $r_{1e}^b$   | $\text{\AA}^a$      |                                   |
|           | In–C         | 2.2692(10)          |                                   |
|           | C $\equiv$ N | 1.1435(9)           |                                   |
|           | $r_m^{(1)c}$ | $\text{\AA}^a$      |                                   |
|           | In–C         | 2.2735(14)          |                                   |
|           | C $\equiv$ N | 1.1455(8)           |                                   |
|           | $r_m^{(2)d}$ | $\text{\AA}$        |                                   |
|           | In–C         | 2.2628 <sup>e</sup> |                                   |
|           | C $\equiv$ N | 1.1587 <sup>e</sup> |                                   |

<sup>a</sup>) Estimated standard errors.

<sup>b</sup>)  $\varepsilon_0 = -0.697(77) \text{ u } \text{\AA}^2$  included in the fit.

<sup>c</sup>)  $c = -0.102(11) \text{ u}^{1/2} \text{\AA}$  included in the fit.

<sup>d</sup>)  $c = -0.326 \text{ u}^{1/2} \text{\AA}$ ,  $d = 0.965 \text{ u}^{1/2} \text{\AA}^2$  included in the fit.

<sup>e</sup>) Exact calculation from data for four isotopomers.

Walker, K.A., Evans, C.J., Suh, S.-H.K., Gerry, M.C.L., Watson, J.K.G.: J. Mol. Spectrosc. **209** (2001) 8.