

Analyses of infrared FT spectra of asymmetric ozone isotopologue $^{16}\text{O}^{16}\text{O}^{18}\text{O}$ in the range $950\text{--}3850\text{ cm}^{-1}$

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Highlights

- Fourier Transform Spectroscopy of $^{16}\text{O}^{16}\text{O}^{18}\text{O}$ between 950 and 3850 cm^{-1}
- 9976 transitions assigned to fifteen vibrational bands
- Effective operator modelling of the spectra
- Theoretical predictions on the band centers, rotational constants and coupling parameters
- Comparison of calculations and observations

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