

Species Tag:	96003	Name:	CH ₃ Br-81
Version:	2		Methyl Bromide $v = 0$
Date:	Apr. 2020		⁸¹ Br isotope,
Contributor:	B. J. Drouin		

Lines Listed:	14333	Q(300.0)=	39434.396
Freq. (GHz) <	1807	Q(225.0)=	25603.749
Max. J:	96	Q(150.0)=	13934.008
LOGSTR0=	-7.0	Q(75.00)=	4928.722
LOGSTR1=	-8.5	Q(37.50)=	1749.085
Isotope Corr.:	-0.296	Q(18.75)=	639.199
Egy. (cm ⁻¹) >	0.0	Q(9.375)=	249.051
$\mu_a =$	1.82185	A=	145779.66
$\mu_b =$		B=	9531.8303719
$\mu_c =$		C=	

The spectrum was calculated from a fit described by Ramos and Drouin, 2011, J. Mol. Spectrosc. **269**, 187-192. This fit includes legacy data from multiple literature sources. The dipole moment is from Carocci et al. 1993. J. Mol. Specrosc. 160(2), 359-370.