

Species Tag:	94002	Name:	CH ₃ Br-79
Version:	2		Methyl Bromide $v = 0$
Date:	Apr. 2020		⁷⁹ Br isotope,
Contributor:	B. J. Drouin		

Lines Listed:	14309	Q(300.0)=	39284.549
Freq. (GHz) <	1807	Q(225.0)=	25506.467
Max. J:	96	Q(150.0)=	13881.076
LOGSTR0=	-7.0	Q(75.00)=	4910.014
LOGSTR1=	-8.5	Q(37.50)=	1742.459
Isotope Corr.:	-0.296	Q(18.75)=	636.787
Egy. (cm ⁻¹) >	0.0	Q(9.375)=	248.119
$\mu_a =$	1.82171	A=	145744.45
$\mu_b =$		B=	9568.1929505
$\mu_c =$		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.