

Molecule	<i>a)</i>	<i>b)</i>	C/1996 B2		C/1995 O1	
H <sub>2</sub> O	IR	5	100	[1]	100	[2] [3]
CO	R IR UV	> 5	6–30	[1] [4] [5]	20	[2] [6] [7]
CO <sub>2</sub>	IR	2			20 <sup>d)</sup>	[8]
CH <sub>4</sub>	IR	–	0.7	[1]	0.6	[2]
C <sub>2</sub> H <sub>2</sub>	IR	–	≈ 0.5	[9]	0.1	[2]
C <sub>2</sub> H <sub>6</sub>	IR	–	0.4	[1]	0.3	[2]
CH <sub>3</sub> OH	R IR	> 5	2	[4]	2	[6] [10]
H <sub>2</sub> CO	R IR	4	0.2–1	[4]	1	[6]
HCOOH	R	–	–		0.06	[11]
HCOOCH <sub>3</sub>	R	–	–		0.06	[11]
NH <sub>3</sub>	R IR	1?	0.5	[12]	0.7	[13] [14]
HCN	R IR	> 5	0.1	[4]	0.25	[2] [6]
HNCO	R	–	0.07	[4]	0.06	[10] [11]
HNC	R	–	0.01	[4] [15]	0.04	[6] [16]
CH <sub>3</sub> CN	R	–	0.01	[17]	0.02	[6]
HC <sub>3</sub> N	R	–	–		0.02	[10] [11]
NH <sub>2</sub> CHO	R	–	–		0.01	[10] [11]
H <sub>2</sub> S	R	5	0.8	[17]	1.5	[6]
OCS	R IR	–	0.1	[18]	0.3	[10] [19]
SO	R	–	–		0.2–0.8	[10] [11] [20]
CS <sub>2</sub>	(R) (UV)	> 5	0.1	[17]	0.2	[6]
SO <sub>2</sub>	R	–	–		0.1	[11] [20]
H <sub>2</sub> CS	R	–	–		0.02	[21]
S <sub>2</sub>	UV	1	0.005	[5]	–	