

Channel gas	M3	M4	M5	M7	M8	M10	M11
Wavelength ( $\mu\text{m}$ )	0.488	0.551	0.67	0.861	1.239	1.601	2.257
Gas							
H <sub>2</sub> O	0.00009	0.00078	0.00066	0.00324	0.00844	0.00234	0.00542
O <sub>3</sub>	0.00673	0.0312	0.01499	0.00075	–	–	–
CO <sub>2</sub>	–	–	–	–	0.00041	0.02048	0.00001
N <sub>2</sub> O	–	–	–	–	–	0.00001	0.00403
CO	–	–	–	–	–	–	–
O <sub>2</sub>	0.00184	0.00084	0.00144	0.00002	0.01147	–	–
NO	–	–	–	–	–	–	–
SO <sub>2</sub>	–	–	–	–	–	–	–
NO <sub>2</sub>	–	–	–	–	–	–	–
CH <sub>4</sub>	–	–	–	–	0.00001	0.00085	0.04914
Total	0.00866	<b>0.03282</b>	<b>0.01709</b>	0.00401	<b>0.02033</b>	<b>0.02368</b>	<b>0.0586</b>