

		Acceptable range of values	Calculated values by analysis software
$T(^{12}\text{CO})$	[K]	7.7-7.9	7.7
$T(^{13}\text{CO})$	[K]	4.1-4.4	4.2
$\Delta V(^{13}\text{CO})$	[km/s]	2.0-2.5	2.4
T_{ex}	[K]	11.0-11.2	11.1
$\tau(^{13}\text{CO})$		0.74-0.84	0.77
$N(\text{H}_2)$	$[\times 10^{21} \text{ cm}^{-2}]$	5.5-7.4	6.8
S	$[\times 10^{37} \text{ cm}^{-2}]$	1.2-2.7	1.6
M	$[M_{\odot}]$	200-400	320