

Table 1. Normal settings of devices in the gas system.

| <i>Item</i> | <i>Setting</i> |
|---------------------------------|--|
| Alarm LEDs | all green except "Isobutane Not Present" |
| Chamber pressure | 4.00 mbar |
| Helium inlet pressure | 1100 mbar |
| Isobutane inlet pressure | 1100 mbar |
| Operation mode | running mode |
| <i>Flows</i> | |
| Helium 10 lt/min flowmeter | 0 |
| Helium 2 lt/min flowmeter | 87% |
| Isobutane 2 lt/min flowmeter | 0 |
| Isobutane 0.5 lt/min flowmeter | 21% |
| Circulation flowmeter | 64% |
| Helium high-flow rotameter | 0 |
| Helium low-flow rotameter | 0 |
| Isobutane high-flow rotameter | 0 |
| Isobutane low-flow rotameter | 0 |
| Helium Security flowmeter | maximum |
| Front bulkhead flush rotameter | 5 lt/min N ₂ |
| Rear bulkhead flush rotameter | 5 lt/min N ₂ |
| Outer cylinder flush rotameter | 0.5 lt/min N ₂ |
| Exhaust line nitrogen rotameter | 100 lt/min |