

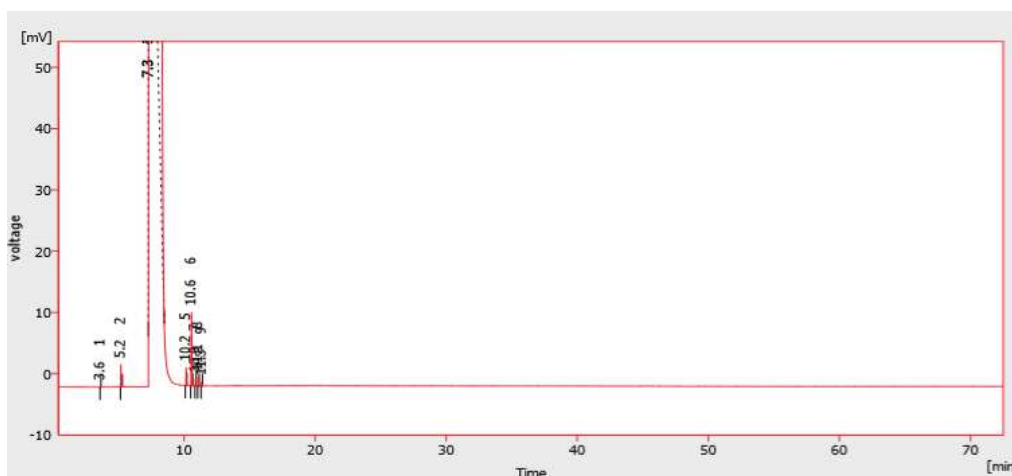
CERTIFICATE OF ANALYSIS

Instrument Grade Butane, 99.5+%

Date 01/06/2021

LOT Analyzed: 445123

| Components | Specification | Analytical Results |
|--------------------------------|---------------|--------------------|
| Butane | <99.5% | 99.9379+% |
| Maximum guaranteed impurities | <5000 ppm wt | |
| Ethane | | 0.5 ppm |
| Propane | | 16.7 ppm |
| Isobutane | | 453.3 ppm |
| Trans-2-Butene | | 19.8 ppm |
| Neopentane | | 107.9 ppm |
| Cis-2-Butene | | 7.4 ppm |
| Isopentane | | 10.2 ppm |
| Pentane | | 4.4 ppm |
| BTX (Benzene, Toluene, Xylene) | | ND |



| | Signal Name | Reten. Time [min] | Area [mV.s] | Height [mV] | Area [%] | Height [%] | W05 [min] |
|---|-------------|-------------------|-------------|-------------|-----------|------------|-----------|
| 1 | Detector 1 | 3.613 | 0.158 | 0.097 | 0.00005 | 0.0 | 0.02 |
| 2 | Detector 1 | 5.180 | 5.756 | 3.658 | 0.00167 | 0.0 | 0.03 |
| 3 | Detector 1 | 7.298 | 156.189 | 253.577 | 0.04533 | 1.6 | 0.01 |
| 4 | Detector 1 | 7.315 | 344359.264 | 15402.174 | 99.93799 | 98.2 | 0.33 |
| 5 | Detector 1 | 10.163 | 6.809 | 2.938 | 0.00198 | 0.0 | 0.04 |
| 6 | Detector 1 | 10.572 | 37.173 | 12.024 | 0.01079 | 0.1 | 0.05 |
| 7 | Detector 1 | 10.877 | 2.563 | 1.153 | 0.00074 | 0.0 | 0.04 |
| 8 | Detector 1 | 11.082 | 3.506 | 1.513 | 0.00102 | 0.0 | 0.04 |
| 9 | Detector 1 | 11.338 | 1.530 | 0.692 | 0.00044 | 0.0 | 0.04 |
| | | All Signals Total | 344572.946 | 15677.826 | 100.00000 | 100.0 | |