

ISO 9001:2015 CERTIFIED  
ISO 17034:2016 ACCREDITED  
ISO/IEC 17025:2017 ACCREDITED

1202 E Sam Houston Parkway S,  
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PO Number: 4503036823

Work Order No: 36532800

**Manufactured For:**

Certification Date: 20-Jan-2022

MSA Safety Sales, LLC  
1000 Cranberry Woods Drive  
Cranberry Township PA 16066  
United States Of America

Customer Part No: 10075802

Cylinder Size: 58DSA

Cylinder Type: ISO 7866

Cylinder Content: 11 L (0.4 CU.FT.) @ 70 F (21 C) & 190 PSIG (1309Kpag)

Cylinder Lot No: 261681; 2 of 10 cylinders

Cylinder Serial Nos: NB250016,NB250191

| Component | Nominal  | Accuracy | Analytical Method |
|-----------|----------|----------|-------------------|
| BUTANE    | 8% (vol) | +/-2%    | Gravimetric       |
| NITROGEN  | BALANCE  |          |                   |
|           |          |          |                   |
|           |          |          |                   |
|           |          |          |                   |
|           |          |          |                   |
|           |          |          |                   |

The mixture was manufactured or transfilled from a standard which has been gravimetrically blended with traceability through NIST to the International System of Units (SI) balance. Balances are calibrated by a certified third party with certified NIST weights and NIST test numbers. **Report Number: BU70910-051322.** The uncertainty is expressed as an expanded uncertainty  $U=kuc$  with  $uc$  determined by experiment and a coverage factor  $k=2$ . The certified value  $\pm U$  is presented with a level of confidence of approximately 95%.



Quality Assurance Manager