Specifications and pre-order list of DASIM standards, Aug 29, 2022

Table 1: Specifications



Table 2: Pre-order sheet

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| # | Mixture | ppm N2O | approx cost per bottle | Thünen |
| 1 | pure breathing air (BA) | 0 | 155 | 1 |
| 2 | 2% breathing air (BA) in He | 0 | 886 | 1 |
| 3 | 0.5% breathing air (BA) in He | 0 | 886 | 1 |
| 4 | 1 ppm 15N2O for Picarro (enriched) | 1.00E+00 | 1180 | 1 |
| 5 | 125 ppm 15N2+5 ppm 15N2O | 5 | 502 | 1 |
| 6 | 12.5 ppm 15N2+0.5 ppm 15N2O | 0.5 | 502 | 1 |
| 7 | 125 ppm 15N2+5 ppm 15N2O in 2% N2 | 5 | 609 | 1 |
| 8 | 12.5 ppm 15N2+0.5 ppm 15N2O in 2% N2 | 0.5 | 609 | 1 |
| 9 | 12.5 ppm 15N2+0.5 ppm 15N2O in 0.5% N2 | 5 | 609 | 1 |
| 10 | AK1 0.3 ppm | 0.3 | 1936 |  |
| 11 | AK1 1 ppm | 1 | 1936 |  |
| 12 | AK1 3 ppm | 3 | 1936 |  |
| 13 | AK1 10 ppm | 10 | 1936 |  |
| 14 | AK1 50 ppm | 50 | 1936 |  |
| 15 | Target 1 (all high) (Mohn et al RM3b+15Nalpha) | 0.30 | 1180 | 1 |
| 16 | Target 1 (all high) (Mohn et al RM3b+15Nalpha) | 1.00 | 1180 |  |
| 17b | Target 2 (all low) | 0.30 | 1180 | 1 |
| 17 | Target 2 (all low) | 1.00 | 1180 | 1 |
| 18 | Target 3: SP similar to air (Mohn et al RM2) | 0.30 | 1180 | 1 |
| 19 | Target 3: SP similar to air (Mohn et al RM2) | 1.00 | 1180 |  |
| 19b | Target 3: SP similar to air (Mohn et al RM2) | 10.00 | 1180 |  |
| 20 | N2O-free synthetic air | 0.00 | 783 | 1 |
| 21 | Mohn et al RM3b (new) | up to 10 | 1180 |  |
| 22 | Mohn et al RM3 (new) | up to 10 | 1180 |  |

Pre-orders, Aug 29 2022

