

| Sample | analysis date | Vol cc | cc gas in | cc gas out | T °K | R/Ra | He/Ne | [He] ppm | Err He |
|---------------|----------------------|---------------|------------------|-------------------|-------------|-------------|--------------|-----------------|---------------|
| 1 | 01-08-2025 | 120 | 2 | 2.1 | 294.15 | 0.69 | 0.89 | 9.58 | 0.0037 |
| 2 | 01-08-2025 | 120 | 2 | 2 | 294.15 | 0.03 | 17.12 | 339.72 | 0.0945 |
| 3 | 01-08-2025 | 120 | 2 | 2.2 | 294.15 | 0.05 | 28.45 | 155.43 | 0.0271 |
| 4 | 01-08-2025 | 120 | 2 | 2.4 | 294.15 | 0.03 | 278.06 | 1937.62 | 0.4011 |
| 5 | 01-08-2025 | 120 | 2 | 2.2 | 294.15 | 0.07 | 12.89 | 117.11 | 0.0222 |
| 6 | 01-08-2025 | 120 | 2 | 2.4 | 294.15 | 0.02 | 689.75 | 4374.66 | 1.0112 |
| 7 | 01-08-2025 | 120 | 2 | 2.2 | 294.15 | 0.04 | 25.67 | 238.84 | 0.0544 |

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| [Ne] ppm | Err Ne | He ccSTP | Ne ccSTP | Rc/Ra | Err R/Ra | ⁴⁰ Ar ppm | ⁴⁰ Ar err | ³⁸ Ar ppm | ³⁸ Ar err | ³⁶ Ar ppm |
|----------|--------|-----------|-----------|-------|----------|----------------------|----------------------|----------------------|----------------------|----------------------|
| 10.569 | 0.003 | 2.615E-04 | 2.953E-04 | 0.55 | 0.035 | 5933.3 | 0.708 | 3.76 | 1.30E-02 | 20.931 |
| 19.417 | 0.006 | 9.018E-03 | 5.269E-04 | 0.01 | 0.001 | 4547.4 | 0.353 | 2.88 | 4.00E-03 | 15.397 |
| 5.366 | 0.001 | 4.384E-03 | 1.541E-04 | 0.04 | 0.002 | 2793.5 | 0.260 | 1.76 | 3.53E-03 | 9.378 |
| 6.846 | 0.002 | 5.790E-02 | 2.082E-04 | 0.03 | 0.002 | 4871.8 | 0.390 | 3.02 | 3.42E-03 | 16.280 |
| 8.911 | 0.002 | 3.303E-03 | 2.563E-04 | 0.05 | 0.004 | 4210.9 | 0.591 | 2.69 | 5.47E-03 | 14.463 |
| 6.233 | 0.002 | 1.307E-01 | 1.895E-04 | 0.02 | 0.001 | 6295.6 | 0.773 | 3.96 | 4.93E-03 | 21.266 |
| 9.125 | 0.002 | 6.738E-03 | 2.625E-04 | 0.03 | 0.001 | 4443.5 | 0.466 | 2.81 | 3.33E-03 | 14.951 |

| ³⁶ Ar err | 40Ar/36Ar | Error +/- | 38Ar/36Ar | Error +/- |
|----------------------|-----------|-----------|-----------|-----------|
| 1.28E-02 | 295.0 | 0.176 | 0.1915 | 0.0007 |
| 6.61E-03 | 295.4 | 0.133 | 0.1759 | 0.0003 |
| 5.60E-03 | 297.9 | 0.179 | 0.1879 | 0.0004 |
| 5.23E-03 | 298.3 | 0.099 | 0.1858 | 0.0002 |
| 5.32E-03 | 291.2 | 0.114 | 0.1860 | 0.0004 |
| 7.87E-03 | 296.1 | 0.126 | 0.1863 | 0.0003 |
| 6.38E-03 | 297.2 | 0.125 | 0.1881 | 0.0002 |