



BÜCHI Labortechnik AG

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## BUCHI Certificate of Analysis (CoA)

### Product Characteristics

|                  |             |
|------------------|-------------|
| Product:         | Quartz sand |
| Order code:      | 037689      |
| Order no.:       | 110205481   |
| Product no.:     | 384300031   |
| Delivery date:   | 24.09.2025  |
| Expiration date: | None        |

### Testing Results

| Description          | Specification                                                                                                                               |
|----------------------|---------------------------------------------------------------------------------------------------------------------------------------------|
| Component Value in % | SiO <sub>2</sub> ≥ 99.00<br>Al <sub>2</sub> O <sub>3</sub> 0.80<br>Fe <sub>2</sub> O <sub>3</sub> 0.07<br>Loss on ignition 0.25<br>others - |
| Hardness             | 7 Mohs                                                                                                                                      |
| Spec. Weight         | 2.65 kg pro dm <sup>3</sup>                                                                                                                 |
| Bulk weight          | 1.4 – 1.6 kg pro dm <sup>3</sup>                                                                                                            |
| Grain shape          | Naturally rounded                                                                                                                           |
| Color                | Grey                                                                                                                                        |
| Refractive Index     | 1.55                                                                                                                                        |
| Crystal structure    | Trigonal trapezoidal                                                                                                                        |
| CAS-Nr.              | 14808-60-7                                                                                                                                  |

Certificate issue date: 30.09.2025

This certificate is electronically generated and does not require a signature.

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