

## SULPHUR TEST INFORMATION

Technical granulated / pastillated sulphur · Laboratory test summary · Public version

## 1. Test information

|                    |                                                                                               |
|--------------------|-----------------------------------------------------------------------------------------------|
| Normative document | ST RK 3555-2020 — “Technical gas granulated and pastillated sulfur. Technical specifications” |
| Sample receipt     | 18 July 2026                                                                                  |
| Date of testing    | 18 July 2026                                                                                  |
| Date of completion | 19 July 2026                                                                                  |
| Test conditions    | t = 22 °C · Humidity = 42% · Atm. pressure = 736 mmHg                                         |
| Origin             | Non-sanctioned countries                                                                      |

## 2. Test results

| No. | Parameter                                                        | 9998        | 9995        | 9990        | 9950        | 9920        | Test method            | Actual result | Uncertainty |
|-----|------------------------------------------------------------------|-------------|-------------|-------------|-------------|-------------|------------------------|---------------|-------------|
| 1   | Mass fraction of sulfur, %, not less than                        | 99.98       | 99.95       | 99.90       | 99.50       | 99.20       | ST RK 3555-2020 cl.8.6 | 99.9846       | ±1.6857     |
| 2   | Mass fraction of ash, %, not more than                           | 0.02        | 0.03        | 0.05        | 0.2         | 0.4         | ST RK 3555-2020 cl.8.4 | 0.0055        | ±0.0003     |
| 3   | Mass fraction of organic substances, %, not more than            | 0.01        | 0.03        | 0.06        | 0.25        | 0.5         | ST RK 3555-2020 cl.8.5 | 0.0056        | ±0.0003     |
| 4   | Mass fraction of acids calc. as sulfuric acid, %, not more than  | 0.0015      | 0.003       | 0.004       | 0.01        | 0.02        | ST RK 3555-2020 cl.8.7 | 0.0043        | ±0.0005     |
| 5   | Mass fraction of water, %, not more than                         | 0.2         | 0.2         | 0.2         | 0.2         | 1.0         | ST RK 3555-2020 cl.8.2 | 0.0433        | ±0.0004     |
| 6   | Mechanical impurities (paper, wood, sand, etc.)                  | Not allowed | Not allowed | Not allowed | Not allowed | Not allowed | Visual                 | None          | —           |
| 7   | Mass fraction of granules 0.5–8 mm in diameter, %, not less than | 75          | 75          | 75          | 75          | Not perm.   | ST RK 3555-2020 cl.8.3 | 99            | ±4          |

## 3. Grade conformity summary

| Grade | Min. sulfur % | Conformity        | Note                                                            |
|-------|---------------|-------------------|-----------------------------------------------------------------|
| 9998  | 99.98         | ✓ <b>Conforms</b> | Actual: 99.9846% — all 7 parameters within specification limits |
| 9995  | 99.95         | ✓ <b>Conforms</b> | Exceeds minimum requirement                                     |
| 9990  | 99.90         | ✓ <b>Conforms</b> | Exceeds minimum requirement                                     |
| 9950  | 99.50         | ✓ <b>Conforms</b> | Exceeds minimum requirement                                     |
| 9920  | 99.20         | ✓ <b>Conforms</b> | Exceeds minimum requirement                                     |

Public version. This summary reorganizes the laboratory test information for commercial and technical use. Reported values, dates, grades, standard references and test methods are retained unchanged from the source document. The full laboratory report is available to end users and authorized intermediaries on request.