

# Abnahmeprüfzeugnis 3.1

nach DIN EN 10204

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Ihr Partner für Analysensiebe

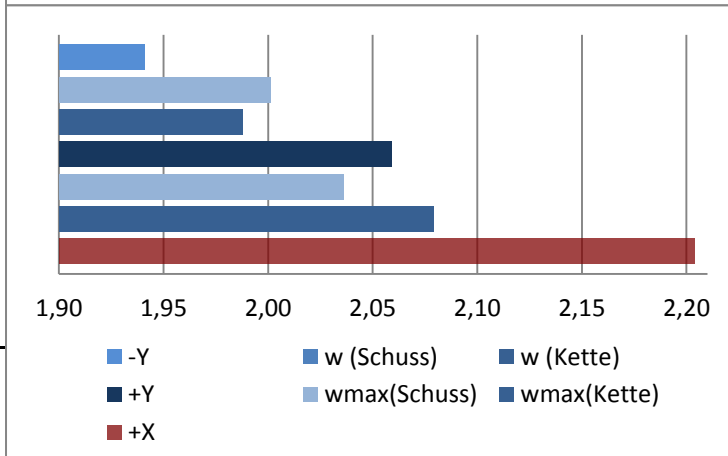
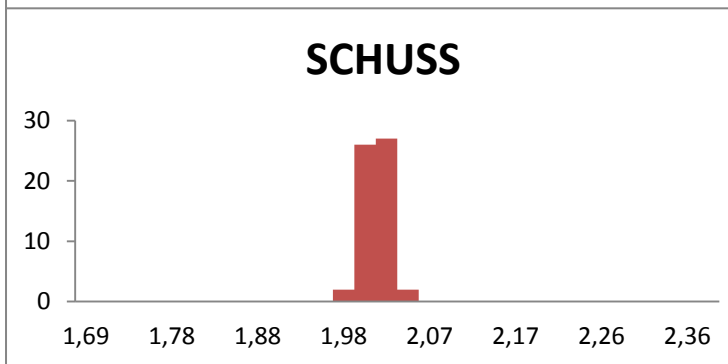
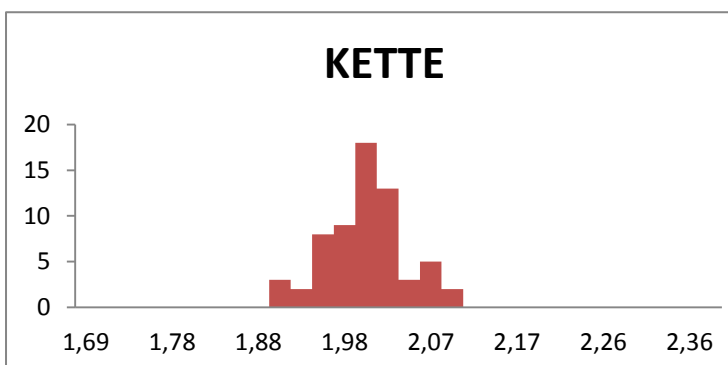
|   |                 |                                   |                    |                          |           |
|---|-----------------|-----------------------------------|--------------------|--------------------------|-----------|
| <b>Fertigungsnummer:</b>                    | 000971          | <b>Rahmendurchmesser:</b>         | 200 mm             | <b>Rahmenmaterial:</b>   | Edelstahl |
| <b>Kunden-Siebnummer:</b>                   | --              | <b>Webart:</b>                    | Leinwand           | <b>Drahtgewebe:</b>      | Edelstahl |
| <b>Nennmaschenweite w:</b>                  | 2,00 mm         | <b>Nenndrahtdurchmesser d:</b>    | 0,900 mm           |                          |           |
| <b>Toleranzen der Maschenweite:</b>         | $\pm Y = 0,059$ | $+X = 0,204$                      | $\sigma_0 = 0,083$ | nach DIN ISO 3310-1:2017 |           |
| <b>Vorzugsmaß Drahtdurchmesser:</b>         | 0,900           | <b>Zulässiger Auswahlbereich:</b> | 0,77-1,04 mm       |                          |           |
| <b>Gemessene Maschen in Kettrichtung:</b>   | 63              | <b>Gefordert in Norm:</b>         | 50                 | KAL                      |           |
| <b>Gemessene Maschen in Schussrichtung:</b> | 57              | <b>Gefordert in Norm:</b>         | 50                 | KAL                      |           |

| Bereich                     | Kette  |         | Schuss |         |
|-----------------------------|--------|---------|--------|---------|
|                             | Anzahl | Prozent | Anzahl | Prozent |
| $n_i < (w-Y)$               | 8      | 12,7    | 0      | 0,0     |
| $(w-Y) \leq n_i \leq (w+Y)$ | 49     | 77,8    | 57     | 100,0   |
| $(w+Y) \leq n_i \leq (w+X)$ | 6      | 9,5     | 0      | 0,0     |
| $n_i > (w+X)$               | 0      | 0,0     | 0      | 0,0     |

| Klasse                     | Kette     |              | Schuss    |              |
|----------------------------|-----------|--------------|-----------|--------------|
|                            | Anzahl    | Prozent      | Anzahl    | Prozent      |
| 1,688                      | 0         | 0,0          | 0         | 0,0          |
| 1,712                      | 0         | 0,0          | 0         | 0,0          |
| 1,736                      | 0         | 0,0          | 0         | 0,0          |
| 1,760                      | 0         | 0,0          | 0         | 0,0          |
| 1,784                      | 0         | 0,0          | 0         | 0,0          |
| 1,808                      | 0         | 0,0          | 0         | 0,0          |
| 1,832                      | 0         | 0,0          | 0         | 0,0          |
| 1,856                      | 0         | 0,0          | 0         | 0,0          |
| 1,880                      | 0         | 0,0          | 0         | 0,0          |
| 1,904                      | 3         | 4,8          | 0         | 0,0          |
| 1,928                      | 2         | 3,2          | 0         | 0,0          |
| 1,952                      | 8         | 12,7         | 0         | 0,0          |
| 1,976                      | 9         | 14,3         | 2         | 3,5          |
| 2,000                      | 18        | 28,6         | 26        | 45,6         |
| 2,024                      | 13        | 20,6         | 27        | 47,4         |
| 2,048                      | 3         | 4,8          | 2         | 3,5          |
| 2,072                      | 5         | 7,9          | 0         | 0,0          |
| 2,096                      | 2         | 3,2          | 0         | 0,0          |
| 2,120                      | 0         | 0,0          | 0         | 0,0          |
| 2,144                      | 0         | 0,0          | 0         | 0,0          |
| 2,168                      | 0         | 0,0          | 0         | 0,0          |
| 2,192                      | 0         | 0,0          | 0         | 0,0          |
| 2,216                      | 0         | 0,0          | 0         | 0,0          |
| 2,240                      | 0         | 0,0          | 0         | 0,0          |
| 2,264                      | 0         | 0,0          | 0         | 0,0          |
| 2,288                      | 0         | 0,0          | 0         | 0,0          |
| 2,312                      | 0         | 0,0          | 0         | 0,0          |
| 2,336                      | 0         | 0,0          | 0         | 0,0          |
| 2,360                      | 0         | 0,0          | 0         | 0,0          |
| 2,384                      | 0         | 0,0          | 0         | 0,0          |
| <b><math>\Sigma</math></b> | <b>63</b> | <b>100,0</b> | <b>57</b> | <b>100,0</b> |

| Maschenweite                  | Kette     | Schuss    |
|-------------------------------|-----------|-----------|
| Mittelwert $\bar{w}$          | 1,988     | 2,001     |
| Abweichung $ \pm Y $          | 0,012     | 0,001     |
| Max $w$                       | 2,079     | 2,036     |
| Standardabweichung $\sigma_s$ | 0,064     | 0,019     |
| K-Faktor                      | 1,467     | 1,481     |
| Drahtdurchmesser              | Kette     | Schuss    |
| Gemessen                      | 41        | 42        |
| Mittelwert $\bar{d}$          | 0,905     | 0,876     |
| Abweichung $\Delta \bar{d}$   | 0,005     | 0,024     |
| <b>DIN Konform</b>            | <b>JA</b> | <b>JA</b> |

Dieses Analysensieb entspricht **DIN ISO 3310-1:2017**



**Prüfer:** Patrick Blau      **Datum:** 08.10.2019

**Prüfmittel:** Keyence IM-7000 Series

Wir bestätigen, dass das eingesetzte Messmittel kalibriert ist.

| ABNAHMEPRÜFZEUGNIS 3.1 (Fortsetzung) |       |  |                             |       |       | Messwerttabellen für             |  |             |       |  |  |  |
|--------------------------------------|-------|--|-----------------------------|-------|-------|----------------------------------|--|-------------|-------|--|--|--|
|                                      |       |  |                             |       |       | Analysensieb nach DIN ISO 3310-1 |  |             |       |  |  |  |
| Maschenweiten Kette                  |       |  | Maschenweiten Schuss        |       |       | Drahtdurchmesser                 |  |             |       |  |  |  |
| 1,977                                | 2,008 |  |                             | 1,991 | 2,015 |                                  |  | Kette       |       |  |  |  |
| 1,943                                | 1,965 |  |                             | 2,034 | 2,011 |                                  |  | 0,902       | 0,905 |  |  |  |
| 2,037                                | 2,073 |  |                             | 1,992 | 2,002 |                                  |  | 0,905       | 0,906 |  |  |  |
| 2,005                                | 1,929 |  |                             | 2,024 | 2,011 |                                  |  | 0,901       | 0,905 |  |  |  |
| 1,980                                | 2,014 |  |                             | 1,998 | 1,993 |                                  |  | 0,907       | 0,904 |  |  |  |
| 1,962                                | 1,942 |  |                             | 2,009 | 2,014 |                                  |  | 0,904       | 0,909 |  |  |  |
| 1,996                                | 2,054 |  |                             | 2,002 | 1,991 |                                  |  | 0,907       | 0,906 |  |  |  |
| 1,992                                | 1,885 |  |                             | 2,010 |       |                                  |  | 0,904       | 0,904 |  |  |  |
| 1,994                                | 2,065 |  |                             | 2,003 |       |                                  |  | 0,904       | 0,904 |  |  |  |
| 1,957                                | 1,962 |  |                             | 2,016 |       |                                  |  | 0,906       | 0,902 |  |  |  |
| 1,992                                | 2,060 |  |                             | 2,007 |       |                                  |  | 0,905       | 0,909 |  |  |  |
| 1,998                                | 1,894 |  |                             | 2,011 |       |                                  |  | 0,903       | 0,901 |  |  |  |
| 2,061                                | 1,981 |  |                             | 2,004 |       |                                  |  | 0,904       | 0,903 |  |  |  |
| 1,925                                |       |  |                             | 2,011 |       |                                  |  | 0,904       | 0,906 |  |  |  |
| 2,032                                |       |  |                             | 1,969 |       |                                  |  | 0,903       | 0,901 |  |  |  |
| 1,932                                |       |  |                             | 2,000 |       |                                  |  | 0,901       | 0,905 |  |  |  |
| 1,976                                |       |  |                             | 1,999 |       |                                  |  | 0,903       | 0,919 |  |  |  |
| 2,002                                |       |  |                             | 2,008 |       |                                  |  | 0,905       | 0,904 |  |  |  |
| 1,950                                |       |  |                             | 1,991 |       |                                  |  | 0,907       | 0,904 |  |  |  |
| 2,004                                |       |  |                             | 1,989 |       |                                  |  | 0,905       | 0,906 |  |  |  |
| 1,993                                |       |  |                             | 1,990 |       |                                  |  | 0,908       | 0,898 |  |  |  |
| 2,023                                |       |  |                             | 1,993 |       |                                  |  | 0,903       |       |  |  |  |
| 1,979                                |       |  |                             | 1,989 |       |                                  |  | Schuss      |       |  |  |  |
| 1,982                                |       |  |                             | 2,000 |       |                                  |  | 0,881       | 0,872 |  |  |  |
| 1,967                                |       |  |                             | 1,992 |       |                                  |  | 0,869       | 0,879 |  |  |  |
| 1,986                                |       |  |                             | 1,993 |       |                                  |  | 0,879       | 0,875 |  |  |  |
| 2,003                                |       |  |                             | 1,984 |       |                                  |  | 0,869       | 0,880 |  |  |  |
| 2,008                                |       |  |                             | 2,001 |       |                                  |  | 0,885       | 0,874 |  |  |  |
| 2,079                                |       |  |                             | 1,972 |       |                                  |  | 0,868       | 0,877 |  |  |  |
| 1,883                                |       |  |                             | 1,985 |       |                                  |  | 0,875       | 0,871 |  |  |  |
| 2,067                                |       |  |                             | 1,987 |       |                                  |  | 0,870       | 0,880 |  |  |  |
| 1,926                                |       |  |                             | 1,998 |       |                                  |  | 0,883       | 0,870 |  |  |  |
| 1,992                                |       |  |                             | 1,989 |       |                                  |  | 0,871       | 0,879 |  |  |  |
| 1,945                                |       |  |                             | 1,999 |       |                                  |  | 0,876       | 0,876 |  |  |  |
| 2,012                                |       |  |                             | 1,986 |       |                                  |  | 0,876       | 0,881 |  |  |  |
| 1,946                                |       |  |                             | 1,988 |       |                                  |  | 0,884       | 0,868 |  |  |  |
| 2,019                                |       |  |                             | 2,006 |       |                                  |  | 0,871       | 0,876 |  |  |  |
| 1,993                                |       |  |                             | 2,003 |       |                                  |  | 0,881       | 0,874 |  |  |  |
| 1,998                                |       |  |                             | 2,002 |       |                                  |  | 0,878       | 0,881 |  |  |  |
| 1,977                                |       |  |                             | 1,996 |       |                                  |  | 0,875       | 0,868 |  |  |  |
| 2,003                                |       |  |                             | 2,008 |       |                                  |  | 0,875       | 0,887 |  |  |  |
| 1,996                                |       |  |                             | 2,005 |       |                                  |  | 0,874       | 0,875 |  |  |  |
| 1,988                                |       |  |                             | 1,997 |       |                                  |  | 0,875       | 0,876 |  |  |  |
| 1,970                                |       |  |                             | 2,012 |       |                                  |  | 0,874       | 0,868 |  |  |  |
| 2,039                                |       |  |                             | 2,010 |       |                                  |  | Mittelwerte |       |  |  |  |
| 1,969                                |       |  |                             | 1,996 |       |                                  |  | Kette       |       |  |  |  |
| 2,021                                |       |  |                             | 2,011 |       |                                  |  | 0,9047      |       |  |  |  |
| 1,975                                |       |  |                             | 2,036 |       |                                  |  | Schuss      |       |  |  |  |
| 2,017                                |       |  |                             | 2,003 |       |                                  |  | 0,8756      |       |  |  |  |
| 1,929                                |       |  |                             | 2,015 |       |                                  |  | SIEBNUMMER  |       |  |  |  |
| Anzahl: 63                           |       |  | Anzahl: 57                  |       |       | 000971                           |  |             |       |  |  |  |
| Mittelwert $\bar{w}$ 1,9878          |       |  | Mittelwert $\bar{w}$ 2,0009 |       |       |                                  |  |             |       |  |  |  |
| Max w : 2,079                        |       |  | Max w : 2,036               |       |       |                                  |  |             |       |  |  |  |