



## Certificate of Conformance

### Details

Date : 24th March 2025

Type : Nitrile Glove White ( Class 10 )

Length : 12"

Batch No : N820424

### Testing method

On analysis in accordance with IEST -RP-CC005.4, Test method for Gloves and Fingercots used in Cleanroom and other controlled enviroments.

### Cleanliness Results :

| Size | Part No     | Lot No                  | No. of trial | Liquid Particle Count, counts/cm <sup>2</sup> | Fluoride<br>µg/cm <sup>2</sup> | Chloride<br>µg/cm <sup>2</sup> | Nitrite<br>µg/cm <sup>2</sup> | Nitrate<br>µg/cm <sup>2</sup> | Bromide<br>µg/cm <sup>2</sup> | Phosphate<br>µg/cm <sup>2</sup> | Sulphate<br>µg/cm <sup>2</sup> | NVR<br>(DI)<br>µg/cm <sup>2</sup> | FTIR result                                           |
|------|-------------|-------------------------|--------------|-----------------------------------------------|--------------------------------|--------------------------------|-------------------------------|-------------------------------|-------------------------------|---------------------------------|--------------------------------|-----------------------------------|-------------------------------------------------------|
|      |             |                         |              | 0.5-20µm                                      |                                |                                |                               |                               |                               |                                 |                                |                                   | Silicone oil,<br>Amide &<br>Phthalate Not<br>Detected |
|      |             |                         |              | < 400                                         |                                |                                |                               |                               |                               |                                 |                                |                                   |                                                       |
| M    | TN<br>1202W | N82 / TTPM<br>8100095   | 1            | 279                                           | < MDL                          | 0.075                          | < MDL                         | 0.032                         | < MDL                         | < MDL                           | 0.004                          | 0.82                              | Not Detected                                          |
|      |             |                         | 2            | 327                                           | < MDL                          | 0.064                          | < MDL                         | 0.043                         | < MDL                         | < MDL                           | 0.005                          | 0.63                              |                                                       |
|      |             |                         | 3            | 343                                           | < MDL                          | 0.071                          | < MDL                         | 0.034                         | < MDL                         | < MDL                           | 0.004                          | 0.74                              |                                                       |
|      |             |                         | Avg          | 316                                           | < MDL                          | 0.070                          | < MDL                         | 0.036                         | < MDL                         | < MDL                           | 0.004                          | 0.73                              |                                                       |
| L    | TN<br>1203W | N82 / TTPL<br>8100085   | 1            | 370                                           | < MDL                          | 0.043                          | < MDL                         | 0.053                         | < MDL                         | < MDL                           | 0.011                          | 0.69                              | Not Detected                                          |
|      |             |                         | 2            | 368                                           | < MDL                          | 0.037                          | < MDL                         | 0.058                         | < MDL                         | < MDL                           | 0.008                          | 0.63                              |                                                       |
|      |             |                         | 3            | 363                                           | < MDL                          | 0.041                          | < MDL                         | 0.043                         | < MDL                         | < MDL                           | 0.006                          | 0.74                              |                                                       |
|      |             |                         | Avg          | 367                                           | < MDL                          | 0.040                          | < MDL                         | 0.051                         | < MDL                         | < MDL                           | 0.008                          | 0.69                              |                                                       |
| XXL  | TN<br>1205W | N82 / TTPXXL<br>8100039 | 1            | 347                                           | < MDL                          | 0.062                          | < MDL                         | 0.062                         | < MDL                         | < MDL                           | 0.009                          | 0.79                              | Not Detected                                          |
|      |             |                         | 2            | 313                                           | < MDL                          | 0.067                          | < MDL                         | 0.067                         | < MDL                         | < MDL                           | 0.006                          | 0.73                              |                                                       |
|      |             |                         | 3            | 369                                           | < MDL                          | 0.050                          | < MDL                         | 0.065                         | < MDL                         | < MDL                           | 0.011                          | 0.77                              |                                                       |
|      |             |                         | Avg          | 343                                           | < MDL                          | 0.060                          | < MDL                         | 0.065                         | < MDL                         | < MDL                           | 0.009                          | 0.76                              |                                                       |

### Results :

| Cleanliness Test |          |                      |              |                    |                    |                    |                    |                    |                    | ESD Test       |          |              |                    |
|------------------|----------|----------------------|--------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|----------------|----------|--------------|--------------------|
| Size             | Part No  | Lot No               | No. of trial | Lithium            | Sodium             | Ammonium           | Potassium          | Calcium            | Magnesium          | Decay Time (s) |          | Tribo Charge | SRM                |
|                  |          |                      |              | µg/cm <sup>2</sup> | µg/cm <sup>2</sup> | µg/cm <sup>2</sup> | µg/cm <sup>2</sup> | µg/cm <sup>2</sup> | µg/cm <sup>2</sup> | +ve 1 KV       | -ve 1 KV |              |                    |
|                  |          |                      |              |                    |                    |                    |                    |                    |                    | <= 0.5 s       |          | <= 20 Volt   | <=10 <sup>10</sup> |
| M                | TN 1202W | N82 / TTPM 8100095   | 1            | < MDL              | 0.013              | 0.004              | 0.020              | 0.075              | < MDL              | 0.1            | 0.1      | 4            | 4.56E+10           |
|                  |          |                      | 2            | < MDL              | 0.011              | 0.004              | 0.015              | 0.093              | < MDL              | 0.1            | 0.1      | 3            | 4.99E+10           |
|                  |          |                      | 3            | < MDL              | 0.016              | 0.003              | 0.018              | 0.080              | < MDL              | 0.1            | 0.1      | 3            | 4.73E+10           |
|                  |          |                      | Avg          | < MDL              | 0.013              | 0.004              | 0.018              | 0.083              | < MDL              | 0.1            | 0.1      | 3            | 4.76E+10           |
| L                | TN 1203W | N82 / TTPL 8100085   | 1            | < MDL              | 0.017              | 0.001              | 0.011              | 0.081              | < MDL              | 0.1            | 0.1      | 7            | 2.67E+10           |
|                  |          |                      | 2            | < MDL              | 0.011              | 0.003              | 0.018              | 0.073              | < MDL              | 0.1            | 0.1      | 9            | 2.23E+10           |
|                  |          |                      | 3            | < MDL              | 0.019              | 0.002              | 0.016              | 0.077              | < MDL              | 0.1            | 0.1      | 6            | 2.55E+10           |
|                  |          |                      | Avg          | < MDL              | 0.016              | 0.002              | 0.015              | 0.077              | < MDL              | 0.1            | 0.1      | 7            | 2.48E+10           |
| XXL              | TN 1205W | N82 / TTPXXL 8100039 | 1            | < MDL              | 0.020              | 0.002              | 0.009              | 0.133              | < MDL              | 0.1            | 0.1      | 8            | 3.61E+10           |
|                  |          |                      | 2            | < MDL              | 0.017              | 0.004              | 0.012              | 0.127              | < MDL              | 0.1            | 0.1      | 6            | 4.25E+10           |
|                  |          |                      | 3            | < MDL              | 0.024              | 0.003              | 0.010              | 0.136              | < MDL              | 0.1            | 0.1      | 9            | 3.88E+10           |
|                  |          |                      | Avg          | < MDL              | 0.020              | 0.003              | 0.010              | 0.132              | < MDL              | 0.1            | 0.1      | 8            | 3.91E+10           |

Remarks : < MDL - Less Than Method Detection Limit

### Conclusion

The Nitrile Glove under Batch No : N820424 passed the above specification.

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