

## Certificate of Conformance

### Details

Date : 14th October 2024

Type : Nitrile Glove White ( Powder Free )

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 (DI)<br>µg/cm <sup>2</sup> | FTIR result                                  |
|------|----------|---------------------|--------------|---|--------------------------------|--------------------------------|-------------------------------|-------------------------------|-------------------------------|---------------------------------|--------------------------------|--------------------------------|--|
|      |          |                     |              | 0.5-20µm                                      |                                |                                |                               |                               |                               |                                 |                                |                                | Silicone oil, Amide & Phthalate Not Detected |
|      |          |                     |              | < 1800  |                                |                                |                               |                               |                               |                                 |                                |                                | < 0.05                                       |
| XS   | TN 1000W | N82 / HTPXS 8100035 | 1            | 1313  | < MDL                          | 0.197                          | < MDL                         | 0.325                         | < MDL                         | < MDL                           | 0.026                          | 2.75                           | Not Detected                                 |
|      |          |                     | 2            | 1384  | < MDL                          | 0.181                          | < MDL                         | 0.188                         | < MDL                         | < MDL                           | 0.031                          | 2.23                           |  |
|      |          |                     | 3            | 1367  | < MDL                          | 0.185                          | < MDL                         | 0.257                         | < MDL                         | < MDL                           | 0.029                          | 2.55                           |  |
|      |          |                     | Avg          | 1355  | < MDL                          | 0.188                          | < MDL                         | 0.257                         | < MDL                         | < MDL                           | 0.029                          | 2.51                           |  |
| S    | TN 1001W | N82 / HTPS 8100199  | 1            | 1524  | < MDL                          | 0.677                          | < MDL                         | 0.171                         | < MDL                         | < MDL                           | 0.026                          | 1.88                           | Not Detected                                 |
|      |          |                     | 2            | 1477  | < MDL                          | 0.581                          | < MDL                         | 0.185                         | < MDL                         | < MDL                           | 0.041                          | 1.63                           |  |
|      |          |                     | 3            | 1391  | < MDL                          | 0.693                          | < MDL                         | 0.173                         | < MDL                         | < MDL                           | 0.033                          | 1.90                           |  |
|      |          |                     | Avg          | 1464  | < MDL                          | 0.650                          | < MDL                         | 0.176                         | < MDL                         | < MDL                           | 0.033                          | 1.80                           |  |
|      | TN 1002W | N82 / HTPS 8100200  | 1            | 1308  | < MDL                          | 0.311                          | < MDL                         | 0.196                         | < MDL                         | < MDL                           | 0.074                          | 2.13                           | Not Detected                                 |
|      |          |                     | 2            | 1355  | < MDL                          | 0.275                          | < MDL                         | 0.244                         | < MDL                         | < MDL                           | 0.062                          | 1.82                           |  |
|      |          |                     | 3            | 1319  | < MDL                          | 0.459                          | < MDL                         | 0.201                         | < MDL                         | < MDL                           | 0.072                          | 2.31                           |  |
|      |          |                     | Avg          | 1327  | < MDL                          | 0.348                          | < MDL                         | 0.214                         | < MDL                         | < MDL                           | 0.069                          | 2.09                           |  |
| M    | TN 1002W | N82 / HTPM 8100228  | 1            | 1577  | < MDL                          | 0.661                          | < MDL                         | 0.275                         | < MDL                         | < MDL                           | 0.026                          | 2.05                           | Not Detected                                 |
|      |          |                     | 2            | 1449  | < MDL                          | 0.197                          | < MDL                         | 0.212                         | < MDL                         | < MDL                           | 0.050                          | 2.61                           |  |
|      |          |                     | 3            | 1463  | < MDL                          | 0.344                          | < MDL                         | 0.258                         | < MDL                         | < MDL                           | 0.031                          | 2.34                           |  |
|      |          |                     | Avg          | 1496  | < MDL                          | 0.401                          | < MDL                         | 0.248                         | < MDL                         | < MDL                           | 0.036                          | 2.33                           |  |
|      | TN 1002W | N82 / HTPM 8100229  | 1            | 1588  | < MDL                          | 0.524                          | < MDL                         | 0.344                         | < MDL                         | < MDL                           | 0.059                          | 3.47                           | Not Detected                                 |
|      |          |                     | 2            | 1647  | < MDL                          | 0.477                          | < MDL                         | 0.459                         | < MDL                         | < MDL                           | 0.071                          | 2.71                           |  |
|      |          |                     | 3            | 1621  | < MDL                          | 0.581                          | < MDL                         | 0.306                         | < MDL                         | < MDL                           | 0.063                          | 3.29                           |  |
|      |          |                     | Avg          | 1619  | < MDL                          | 0.527                          | < MDL                         | 0.370                         | < MDL                         | < MDL                           | 0.064                          | 3.16                           |  |

**Results :**

| 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   |              | Ohms / sq          |
|      |             |                        |              |                    | < 1.00             |                    |                    |                    |                    | <= 0.5 s       |            | <= 20 Volt   | <=10 <sup>10</sup> |
| XS   | TN<br>1000W | N82 / HTPXS<br>8100035 | 1            | < MDL              | 0.032              | 0.004              | 0.032              | 0.144              | < MDL              | 0.1            | 0.1        | 4            | 2.66E+10           |
|      |             |                        | 2            | < MDL              | 0.037              | 0.005              | 0.040              | 0.121              | < MDL              | 0.1            | 0.1        | 3            | 3.31E+10           |
|      |             |                        | 3            | < MDL              | 0.040              | 0.004              | 0.035              | 0.136              | < MDL              | 0.1            | 0.1        | 4            | 2.81E+10           |
|      |             |                        | Avg          | < MDL              | <b>0.036</b>       | <b>0.004</b>       | <b>0.036</b>       | <b>0.134</b>       | < MDL              | <b>0.1</b>     | <b>0.1</b> | <b>4</b>     | <b>2.93E+10</b>    |
| S    | TN<br>1001W | N82 / HTPS<br>8100199  | 1            | < MDL              | 0.029              | 0.004              | 0.031              | 0.125              | < MDL              | 0.1            | 0.1        | 7            | 3.31E+10           |
|      |             |                        | 2            | < MDL              | 0.021              | 0.006              | 0.037              | 0.121              | < MDL              | 0.1            | 0.1        | 6            | 2.76E+10           |
|      |             |                        | 3            | < MDL              | 0.024              | 0.005              | 0.025              | 0.128              | < MDL              | 0.1            | 0.1        | 7            | 3.04E+10           |
|      |             |                        | Avg          | < MDL              | <b>0.025</b>       | <b>0.005</b>       | <b>0.031</b>       | <b>0.125</b>       | < MDL              | <b>0.1</b>     | <b>0.1</b> | <b>7</b>     | <b>3.04E+10</b>    |
|      | TN<br>1002W | N82 / HTPS<br>8100200  | 1            | < MDL              | 0.023              | 0.007              | 0.029              | 0.188              | < MDL              | 0.1            | 0.1        | 8            | 2.26E+10           |
|      |             |                        | 2            | < MDL              | 0.019              | 0.008              | 0.033              | 0.231              | < MDL              | 0.1            | 0.1        | 6            | 2.55E+10           |
|      |             |                        | 3            | < MDL              | 0.025              | 0.005              | 0.024              | 0.215              | < MDL              | 0.1            | 0.1        | 9            | 2.09E+10           |
|      |             |                        | Avg          | < MDL              | <b>0.022</b>       | <b>0.007</b>       | <b>0.029</b>       | <b>0.211</b>       | < MDL              | <b>0.1</b>     | <b>0.1</b> | <b>8</b>     | <b>2.30E+10</b>    |
| M    | TN<br>1002W | N82 / HTPM<br>8100228  | 1            | < MDL              | 0.019              | 0.007              | 0.025              | 0.175              | < MDL              | 0.1            | 0.1        | 4            | 3.28E+10           |
|      |             |                        | 2            | < MDL              | 0.016              | 0.004              | 0.020              | 0.121              | < MDL              | 0.1            | 0.1        | 6            | 3.77E+10           |
|      |             |                        | 3            | < MDL              | 0.024              | 0.005              | 0.023              | 0.158              | < MDL              | 0.1            | 0.1        | 3            | 3.09E+10           |
|      |             |                        | Avg          | < MDL              | <b>0.020</b>       | <b>0.005</b>       | <b>0.023</b>       | <b>0.151</b>       | < MDL              | <b>0.1</b>     | <b>0.1</b> | <b>4</b>     | <b>3.38E+10</b>    |
|      | TN<br>1002W | N82 / HTPM<br>8100229  | 1            | < MDL              | 0.027              | 0.008              | 0.033              | 0.250              | < MDL              | 0.1            | 0.1        | 6            | 4.47E+10           |
|      |             |                        | 2            | < MDL              | 0.035              | 0.008              | 0.030              | 0.244              | < MDL              | 0.1            | 0.1        | 3            | 4.91E+10           |
|      |             |                        | 3            | < MDL              | 0.030              | 0.007              | 0.037              | 0.259              | < MDL              | 0.1            | 0.1        | 5            | 4.66E+10           |
|      |             |                        | Avg          | < MDL              | <b>0.031</b>       | <b>0.008</b>       | <b>0.033</b>       | <b>0.251</b>       | < MDL              | <b>0.1</b>     | <b>0.1</b> | <b>5</b>     | <b>4.68E+10</b>    |

Remarks : < MDL - Less Than Method Detection Limit

**Conclusion**

The Nitrile Glove White ( Powder Free ) under Batch No : N820424 passed the above specification.

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