

## Certificate of Conformance

### Details

Date : 10th March 2018

Type : Nitrile Glove White ( Powder Free )

Length : 9"

Batch No : N750717

### Testing method

On analysis in accordance with IEST -RP-CC005.3, 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 µg/cm <sup>2</sup>	Chloride µg/cm <sup>2</sup>	Nitrite µg/cm <sup>2</sup>	Nitrate µg/cm <sup>2</sup>	Bromide µg/cm <sup>2</sup>	Phosphate µg/cm <sup>2</sup>	Sulphate µg/cm <sup>2</sup>	NVR (DI) µg/cm <sup>2</sup>	FTIR result
				0.5-20µm									Silicone oil, Amide & Phthalate Not Detected
				< 2500									< 0.05
XS	TN300W	N75 / BTNXS 8100019	1	1933	< MDL	0.625	< MDL	0.441	< MDL	< MDL	0.075	1.89	Not Detected
			2	1692	< MDL	0.588	< MDL	0.479	< MDL	< MDL	0.063	1.63	
			3	1877	< MDL	0.674	< MDL	0.425	< MDL	< MDL	0.071	2.04	
			Avg	1834	< MDL	0.629	< MDL	0.448	< MDL	< MDL	0.070	1.85	
M	TN302W	N75 / BTNM 8100043	1	1334	< MDL	0.248	< MDL	0.175	< MDL	< MDL	0.026	3.41	Not Detected
			2	1327	< MDL	0.557	< MDL	0.199	< MDL	< MDL	0.033	3.50	
			3	1445	< MDL	0.309	< MDL	0.184	< MDL	< MDL	0.029	2.73	
			Avg	1369	< MDL	0.371	< MDL	0.186	< MDL	< MDL	0.029	3.21	
XL	TN304W	N75 / BTNXL 8100022	1	1628	< MDL	0.277	< MDL	0.325	< MDL	< MDL	0.055	2.89	Not Detected
			2	1884	< MDL	0.192	< MDL	0.204	< MDL	< MDL	0.069	2.21	
			3	1424	< MDL	0.304	< MDL	0.267	< MDL	< MDL	0.043	2.66	
			Avg	1645	< MDL	0.258	< MDL	0.265	< MDL	< MDL	0.056	2.59	

**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 100
				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
										<= 0.5 s		<= 20 Volt	<=10 <sup>10</sup>
XS	TN300W	N75 / BTNXS 8100019	1	< MDL	0.037	0.008	0.037	0.255	< MDL	0.1	0.1	4	3.96E+10
			2	< MDL	0.041	0.005	0.040	0.196	< MDL	0.1	0.1	6	2.77E+10
			3	< MDL	0.045	0.007	0.035	0.231	< MDL	0.1	0.1	5	3.08E+10
			Avg	< MDL	<b>0.041</b>	<b>0.007</b>	<b>0.037</b>	<b>0.227</b>	< MDL	<b>0.1</b>	<b>0.1</b>	<b>5</b>	<b>3.27E+10</b>
M	TN302W	N75 / BTNM 8100043	1	< MDL	0.021	0.004	0.026	0.175	< MDL	0.1	0.1	7	4.67E+10
			2	< MDL	0.030	0.004	0.030	0.139	< MDL	0.1	0.1	4	2.44E+10
			3	< MDL	0.025	0.005	0.028	0.141	< MDL	0.1	0.1	6	2.89E+10
			Avg	< MDL	<b>0.025</b>	<b>0.004</b>	<b>0.028</b>	<b>0.152</b>	< MDL	<b>0.1</b>	<b>0.1</b>	<b>6</b>	<b>3.33E+10</b>
XL	TN304W	N75 / BTNXL 8100022	1	< MDL	0.033	0.008	0.031	0.128	< MDL	0.1	0.1	4	2.67E+10
			2	< MDL	0.024	0.006	0.024	0.133	< MDL	0.1	0.1	5	2.01E+10
			3	< MDL	0.029	0.007	0.029	0.121	< MDL	0.1	0.1	4	2.49E+10
			Avg	< MDL	<b>0.029</b>	<b>0.007</b>	<b>0.028</b>	<b>0.127</b>	< MDL	<b>0.1</b>	<b>0.1</b>	<b>4</b>	<b>2.39E+10</b>

Remarks : < MDL - Less Than Method Detection Limit

**Conclusion**

The Nitrile Glove White ( Powder Free ) under Batch No : N750717 passed the above specification.

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