

## Certificate of Conformance

### Details

Date : 2nd June 2022

Type : Nitrile Glove Blue ( Class 100 )

Length : 12"

Batch No : N800422

### Testing method

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

### 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
				< 900									< 0.01
S	TN2001B	N80 / BBTPS 100106	1	757	< MDL	0.128	< MDL	0.144	< MDL	< MDL	0.021	0.86	Not Detected
			2	626	< MDL	0.101	< MDL	0.127	< MDL	< MDL	0.028	0.63	
			3	664	< MDL	0.134	< MDL	0.139	< MDL	< MDL	0.024	0.99	
			Avg	682	< MDL	0.121	< MDL	0.137	< MDL	< MDL	0.024	0.83	
M	TN2002B	N80 / BBTPM 100157	1	773	< MDL	0.089	< MDL	0.062	< MDL	< MDL	0.009	1.54	Not Detected
			2	820	< MDL	0.053	< MDL	0.099	< MDL	< MDL	0.013	1.13	
			3	811	< MDL	0.071	< MDL	0.084	< MDL	< MDL	0.011	1.37	
			Avg	801	< MDL	0.071	< MDL	0.082	< MDL	< MDL	0.011	1.35	
L	TN2003B	N80 / BBTPL 100125	1	564	< MDL	0.051	< MDL	0.062	< MDL	< MDL	0.016	0.97	Not Detected
			2	495	< MDL	0.059	< MDL	0.077	< MDL	< MDL	0.019	1.05	
			3	522	< MDL	0.055	< MDL	0.069	< MDL	< MDL	0.012	1.16	
			Avg	527	< MDL	0.055	< MDL	0.069	< MDL	< MDL	0.016	1.06	
XL	TN2004B	N80 / BBTPXL 100067	1	724	< MDL	0.135	< MDL	0.086	< MDL	< MDL	0.031	0.61	Not Detected
			2	788	< MDL	0.140	< MDL	0.128	< MDL	< MDL	0.024	0.76	
			3	706	< MDL	0.122	< MDL	0.101	< MDL	< MDL	0.027	0.64	
			Avg	739	< MDL	0.132	< MDL	0.105	< MDL	< MDL	0.027	0.67	
XXL	TN2005B	N80 / BBTPXXL 100020	1	631	< MDL	0.089	< MDL	0.162	< MDL	< MDL	0.016	1.64	Not Detected
			2	499	< MDL	0.134	< MDL	0.144	< MDL	< MDL	0.025	1.77	
			3	523	< MDL	0.106	< MDL	0.157	< MDL	< MDL	0.021	1.69	
			Avg	551	< MDL	0.110	< MDL	0.154	< MDL	< MDL	0.021	1.70	

**Result :**

Cleanliness Test										ESD Test			
Size	Part No	Lot No	No. of trial	Lithium µg/cm <sup>2</sup>	Sodium µg/cm <sup>2</sup>	Ammonium µg/cm <sup>2</sup>	Potassium µg/cm <sup>2</sup>	Calcium µg/cm <sup>2</sup>	Magnesium µg/cm <sup>2</sup>	Decay Time (s)		Tribo Charge	SRM Ohms / sq
										+ve 1 KV	-ve 1 KV		
										<= 0.5 s		<= 20 Volt	
S	TN2001B	N80 / BBTPS 100106	1	< MDL	0.021	0.005	0.008	0.127	< MDL	0.1	0.1	7	3.31E+10
			2	< MDL	0.028	0.003	0.005	0.104	< MDL	0.1	0.1	7	2.27E+10
			3	< MDL	0.025	0.005	0.007	0.139	< MDL	0.1	0.1	6	4.49E+10
			Avg	< MDL	<b>0.025</b>	<b>0.004</b>	<b>0.007</b>	<b>0.123</b>	< MDL	<b>0.1</b>	<b>0.1</b>	<b>7</b>	<b>3.36E+10</b>
M	TN2002B	N80 / BBTPM 100157	1	< MDL	0.030	0.004	0.003	0.150	< MDL	0.1	0.1	6	4.77E+10
			2	< MDL	0.024	0.003	0.003	0.143	< MDL	0.1	0.1	5	4.26E+10
			3	< MDL	0.027	0.003	0.004	0.148	< MDL	0.1	0.1	9	4.93E+10
			Avg	< MDL	<b>0.027</b>	<b>0.003</b>	<b>0.003</b>	<b>0.147</b>	< MDL	<b>0.1</b>	<b>0.1</b>	<b>7</b>	<b>4.65E+10</b>
L	TN2003B	N80 / BBTPL 100125	1	< MDL	0.018	0.005	0.008	0.118	< MDL	0.1	0.1	8	3.31E+10
			2	< MDL	0.015	0.005	0.006	0.104	< MDL	0.1	0.1	8	2.59E+10
			3	< MDL	0.023	0.004	0.004	0.116	< MDL	0.1	0.1	9	2.77E+10
			Avg	< MDL	<b>0.019</b>	<b>0.005</b>	<b>0.006</b>	<b>0.113</b>	< MDL	<b>0.1</b>	<b>0.1</b>	<b>8</b>	<b>2.89E+10</b>
XL	TN2004B	N80 / BBTPXL 100067	1	< MDL	0.021	0.003	0.003	0.137	< MDL	0.1	0.1	4	2.04E+10
			2	< MDL	0.026	0.003	0.005	0.122	< MDL	0.1	0.1	3	2.69E+10
			3	< MDL	0.020	0.004	0.004	0.129	< MDL	0.1	0.1	4	2.31E+10
			Avg	< MDL	<b>0.022</b>	<b>0.003</b>	<b>0.004</b>	<b>0.129</b>	< MDL	<b>0.1</b>	<b>0.1</b>	<b>4</b>	<b>2.35E+10</b>
XXL	TN2005B	N80 / BBTPXXL 100020	1	< MDL	0.030	0.005	0.008	0.150	< MDL	0.1	0.1	6	4.15E+10
			2	< MDL	0.026	0.005	0.008	0.143	< MDL	0.1	0.1	7	3.88E+10
			3	< MDL	0.028	0.004	0.007	0.119	< MDL	0.1	0.1	5	4.76E+10
			Avg	< MDL	<b>0.028</b>	<b>0.005</b>	<b>0.008</b>	<b>0.137</b>	< MDL	<b>0.1</b>	<b>0.1</b>	<b>6</b>	<b>4.26E+10</b>

Remarks : < MDL - Less Than Method Detection Limit

**Conclusion**

The Nitrile Blue Glove under Batch No : N800422 passed the above specification.

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