



Certificate of Conformance

Details

Date : 20th May 2025

Type : Nitrile Glove Blue (Class 100)

Length : 12"

Batch No : N830425

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 ²	Fluoride µg/cm ²	Chloride µg/cm ²	Nitrite µg/cm ²	Nitrate µg/cm ²	Bromide µg/cm ²	Phosphate µg/cm ²	Sulphate µg/cm ²	NVR (DI) µg/cm ²	FTIR result
				0.5-20µm									Silicone oil, Amide & Phthalate Not Detected
				< 800									
S	TN 2001B	N83 / BBTPS 100132	1	676	< MDL	0.108	< MDL	0.118	< MDL	< MDL	0.009	1.55	Not Detected
			2	554	< MDL	0.139	< MDL	0.167	< MDL	< MDL	0.012	1.17	
			3	629	< MDL	0.125	< MDL	0.145	< MDL	< MDL	0.010	1.39	
			Avg	620	< MDL	0.124	< MDL	0.143	< MDL	< MDL	0.010	1.37	
		N83 / BBTPS 100133	1	499	< MDL	0.055	< MDL	0.078	< MDL	< MDL	0.022	0.87	Not Detected
			2	495	< MDL	0.079	< MDL	0.099	< MDL	< MDL	0.029	0.63	
			3	517	< MDL	0.060	< MDL	0.116	< MDL	< MDL	0.026	0.90	
			Avg	504	< MDL	0.065	< MDL	0.098	< MDL	< MDL	0.026	0.80	
L	TN 2003B	N83 / BBTPL 100162	1	715	< MDL	0.129	< MDL	0.108	< MDL	< MDL	0.031	1.18	Not Detected
			2	720	< MDL	0.137	< MDL	0.084	< MDL	< MDL	0.024	0.84	
			3	668	< MDL	0.131	< MDL	0.125	< MDL	< MDL	0.028	1.34	
			Avg	701	< MDL	0.132	< MDL	0.106	< MDL	< MDL	0.028	1.12	
		N83 / BBTPL 100163	1	645	< MDL	0.091	< MDL	0.061	< MDL	< MDL	0.016	1.77	Not Detected
			2	709	< MDL	0.118	< MDL	0.069	< MDL	< MDL	0.013	1.56	
			3	661	< MDL	0.084	< MDL	0.070	< MDL	< MDL	0.022	1.80	
			Avg	672	< MDL	0.098	< MDL	0.067	< MDL	< MDL	0.017	1.71	
XXL	TN 2005B	N83 / BBTPXXL 100023	1	499	< MDL	0.105	< MDL	0.155	< MDL	< MDL	0.018	1.64	Not Detected
			2	600	< MDL	0.132	< MDL	0.132	< MDL	< MDL	0.016	1.17	
			3	551	< MDL	0.118	< MDL	0.169	< MDL	< MDL	0.023	1.40	
			Avg	550	< MDL	0.118	< MDL	0.152	< MDL	< MDL	0.019	1.40	

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 ²	µg/cm ²	µg/cm ²	µg/cm ²	µg/cm ²	µg/cm ²	+ve 1 KV	-ve 1 KV		
										<= 0.5 s		<= 20 Volt	<=10 ¹⁰
S	TN 2001B	N83 / BBTPS 100132	1	< MDL	0.022	0.005	0.008	0.108	< MDL	0.1	0.1	7	4.81E+10
			2	< MDL	0.019	0.005	0.005	0.116	< MDL	0.1	0.1	6	4.22E+10
			3	< MDL	0.015	0.004	0.007	0.102	< MDL	0.1	0.1	8	4.67E+10
			Avg	< MDL	0.019	0.005	0.007	0.109	< MDL	0.1	0.1	7	4.57E+10
		N83 / BBTPS 100133	1	< MDL	0.022	0.003	0.005	0.144	< MDL	0.1	0.1	5	2.89E+10
			2	< MDL	0.029	0.004	0.003	0.121	< MDL	0.1	0.1	3	3.44E+10
			3	< MDL	0.026	0.003	0.006	0.139	< MDL	0.1	0.1	6	3.15E+10
			Avg	< MDL	0.026	0.003	0.005	0.135	< MDL	0.1	0.1	5	3.16E+10
L	TN 2003B	N83 / BBTPL 100162	1	< MDL	0.025	0.004	0.003	0.128	< MDL	0.1	0.1	8	2.25E+10
			2	< MDL	0.021	0.004	0.003	0.121	< MDL	0.1	0.1	9	2.97E+10
			3	< MDL	0.027	0.003	0.004	0.135	< MDL	0.1	0.1	6	2.63E+10
			Avg	< MDL	0.024	0.004	0.003	0.128	< MDL	0.1	0.1	8	2.62E+10
		N83 / BBTPL 100163	1	< MDL	0.022	0.003	0.008	0.139	< MDL	0.1	0.1	5	3.88E+10
			2	< MDL	0.019	0.003	0.008	0.112	< MDL	0.1	0.1	3	4.25E+10
			3	< MDL	0.025	0.004	0.007	0.104	< MDL	0.1	0.1	3	3.57E+10
			Avg	< MDL	0.022	0.003	0.008	0.118	< MDL	0.1	0.1	4	3.90E+10
XXL	TN 2005B	N83 / BBTPXXL 100023	1	< MDL	0.018	0.005	0.003	0.144	< MDL	0.1	0.1	7	3.31E+10
			2	< MDL	0.015	0.003	0.006	0.150	< MDL	0.1	0.1	5	4.49E+10
			3	< MDL	0.016	0.004	0.005	0.139	< MDL	0.1	0.1	6	3.62E+10
			Avg	< MDL	0.016	0.004	0.005	0.144	< MDL	0.1	0.1	6	3.81E+10

Remarks : < MDL - Less Than Method Detection Limit

Conclusion

The Nitrile Blue Glove under Batch No : N830425 passed the above specification.

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