

Certificate of Conformance

Details

Date : 20th December 2023

Type : Nitrile Glove Blue (Class 100)

Length : 12"

Batch No : N810423

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 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
				< 900									< 0.01
XS	TN2000B	N81 / BBTPXS 100023	1	606	< MDL	0.088	< MDL	0.088	< MDL	< MDL	0.021	0.84	Not Detected
			2	677	< MDL	0.053	< MDL	0.125	< MDL	< MDL	0.018	0.63	
			3	643	< MDL	0.091	< MDL	0.104	< MDL	< MDL	0.026	0.90	
			Avg	642	< MDL	0.077	< MDL	0.106	< MDL	< MDL	0.022	0.79	
S	TN2001B	N81 / BBTPS 100119	1	499	< MDL	0.128	< MDL	0.153	< MDL	< MDL	0.009	1.32	Not Detected
			2	526	< MDL	0.134	< MDL	0.166	< MDL	< MDL	0.012	1.15	
			3	495	< MDL	0.116	< MDL	0.141	< MDL	< MDL	0.010	1.66	
			Avg	507	< MDL	0.126	< MDL	0.153	< MDL	< MDL	0.010	1.38	
M	TN2002B	N81 / BBTPM 100182	1	584	< MDL	0.058	< MDL	0.092	< MDL	< MDL	0.031	1.80	Not Detected
			2	675	< MDL	0.051	< MDL	0.063	< MDL	< MDL	0.024	1.71	
			3	515	< MDL	0.064	< MDL	0.084	< MDL	< MDL	0.027	1.77	
			Avg	591	< MDL	0.058	< MDL	0.080	< MDL	< MDL	0.027	1.76	
L	TN2003B	N81 / BBTPL 100144	1	820	< MDL	0.087	< MDL	0.169	< MDL	< MDL	0.018	1.06	Not Detected
			2	781	< MDL	0.125	< MDL	0.148	< MDL	< MDL	0.026	0.84	
			3	763	< MDL	0.104	< MDL	0.117	< MDL	< MDL	0.029	1.41	
			Avg	788	< MDL	0.105	< MDL	0.145	< MDL	< MDL	0.024	1.10	
XL	TN2004B	N81 / BBTPXL 100075	1	648	< MDL	0.098	< MDL	0.166	< MDL	< MDL	0.015	0.97	Not Detected
			2	717	< MDL	0.134	< MDL	0.128	< MDL	< MDL	0.011	0.76	
			3	663	< MDL	0.105	< MDL	0.104	< MDL	< MDL	0.010	1.12	
			Avg	676	< MDL	0.112	< MDL	0.133	< MDL	< MDL	0.012	0.95	
XXL	TN2005B	N81 / BBTPXXL 100021	1	721	< MDL	0.138	< MDL	0.072	< MDL	< MDL	0.013	0.92	Not Detected
			2	778	< MDL	0.140	< MDL	0.099	< MDL	< MDL	0.011	0.81	
			3	665	< MDL	0.131	< MDL	0.113	< MDL	< MDL	0.017	1.13	
			Avg	721	< MDL	0.136	< MDL	0.095	< MDL	< MDL	0.014	0.95	

Result :

Size	Part No	Lot No	No. of trial	Cleanliness Test						ESD Test			
				Lithium µg/cm ²	Sodium µg/cm ²	Ammonium µg/cm ²	Potassium µg/cm ²	Calcium µg/cm ²	Magnesium µg/cm ²	Decay Time (s)		Tribo Charge	SRM Ohms / sq
										+ve 1 KV	-ve 1 KV		
										<= 0.5 s		<= 20 Volt	
XS	TN2000B	N81 / BBTPXS 100023	1	< MDL	0.030	0.005	0.007	0.108	< MDL	0.1	0.1	7	3.37E+10
			2	< MDL	0.024	0.003	0.008	0.137	< MDL	0.1	0.1	6	2.54E+10
			3	< MDL	0.028	0.004	0.008	0.115	< MDL	0.1	0.1	7	2.79E+10
			Avg	< MDL	0.027	0.004	0.008	0.120	< MDL	0.1	0.1	7	2.90E+10
S	TN2001B	N81 / BBTPS 100119	1	< MDL	0.015	0.003	0.003	0.108	< MDL	0.1	0.1	4	4.26E+10
			2	< MDL	0.019	0.004	0.004	0.101	< MDL	0.1	0.1	3	4.47E+10
			3	< MDL	0.016	0.003	0.004	0.115	< MDL	0.1	0.1	3	3.55E+10
			Avg	< MDL	0.017	0.003	0.004	0.108	< MDL	0.1	0.1	3	4.09E+10
M	TN2002B	N81 / BBTPM 100182	1	< MDL	0.018	0.005	0.007	0.150	< MDL	0.1	0.1	7	2.64E+10
			2	< MDL	0.015	0.005	0.006	0.143	< MDL	0.1	0.1	9	2.23E+10
			3	< MDL	0.023	0.004	0.007	0.147	< MDL	0.1	0.1	6	2.49E+10
			Avg	< MDL	0.019	0.005	0.007	0.147	< MDL	0.1	0.1	7	2.45E+10
L	TN2003B	N81 / BBTPL 100144	1	< MDL	0.024	0.004	0.004	0.108	< MDL	0.1	0.1	3	3.77E+10
			2	< MDL	0.019	0.003	0.003	0.131	< MDL	0.1	0.1	5	3.91E+10
			3	< MDL	0.022	0.004	0.003	0.115	< MDL	0.1	0.1	4	2.64E+10
			Avg	< MDL	0.022	0.004	0.003	0.118	< MDL	0.1	0.1	4	3.44E+10
XL	TN2004B	N81 / BBTPXL 100075	1	< MDL	0.027	0.003	0.005	0.132	< MDL	0.1	0.1	4	3.49E+10
			2	< MDL	0.030	0.003	0.003	0.136	< MDL	0.1	0.1	3	4.72E+10
			3	< MDL	0.029	0.003	0.007	0.124	< MDL	0.1	0.1	6	3.66E+10
			Avg	< MDL	0.029	0.003	0.005	0.131	< MDL	0.1	0.1	4	3.96E+10
XXL	TN2005B	N81 / BBTPXXL 100021	1	< MDL	0.023	0.003	0.006	0.132	< MDL	0.1	0.1	7	2.81E+10
			2	< MDL	0.020	0.005	0.003	0.137	< MDL	0.1	0.1	6	3.35E+10
			3	< MDL	0.017	0.004	0.005	0.125	< MDL	0.1	0.1	8	3.19E+10
			Avg	< MDL	0.020	0.004	0.005	0.131	< MDL	0.1	0.1	7	3.12E+10

Remarks : < MDL - Less Than Method Detection Limit

Conclusion

The Nitrile Blue Glove under Batch No : N810423 passed the above specification.

Prepared by :



Mr Leaw Wei Zhen

QA Manager

Approved by:



Ms Sabariah Salleh

Senior QA Manager