

Certificate of Conformance

Details

Date : 22nd November 2022

Type : Nitrile LE Glove (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 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
				< 2500	< 0.05	< 1.50	< 0.05	< 1.00	< 0.05	< 0.05	< 1.00	< 5.00		
XS	RVCR 1500	N80 / WATYPXS CD 9300007	1	1616	< MDL	0.537	< MDL	0.332	< MDL	< MDL	0.055	2.77	Not Detected	
			2	1378	< MDL	0.244	< MDL	0.264	< MDL	< MDL	0.026	2.25		
			3	1559	< MDL	0.491	< MDL	0.391	< MDL	< MDL	0.041	2.51		
			Avg	1518	< MDL	0.424	< MDL	0.329	< MDL	< MDL	0.041	2.51		
M	RVCR 1502	N80 / MATYPM CD 9300157	1	1864	< MDL	0.262	< MDL	0.424	< MDL	< MDL	0.075	3.37	Not Detected	
			2	1672	< MDL	0.197	< MDL	0.469	< MDL	< MDL	0.053	3.50		
			3	1901	< MDL	0.344	< MDL	0.352	< MDL	< MDL	0.060	2.66		
			Avg	1812	< MDL	0.268	< MDL	0.415	< MDL	< MDL	0.063	3.18		
XL	RVCR 1504	N80 / HATYPXL CD 9300009	1	1388	< MDL	0.624	< MDL	0.179	< MDL	< MDL	0.044	1.96	Not Detected	
			2	1324	< MDL	0.678	< MDL	0.377	< MDL	< MDL	0.032	1.72		
			3	1361	< MDL	0.551	< MDL	0.202	< MDL	< MDL	0.028	2.44		
			Avg	1358	< MDL	0.618	< MDL	0.253	< MDL	< MDL	0.035	2.04		

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		Ohms / sq
										<= 0.5 s		<= 20 Volt	<=10 ¹⁰
XS	RVCR 1500	N80 / WATYPXS CD 9300007	1	< MDL	0.032	0.004	0.037	0.188	< MDL	0.1	0.1	5	3.26E+10
			2	< MDL	0.037	0.007	0.031	0.134	< MDL	0.1	0.1	4	3.77E+10
			3	< MDL	0.025	0.005	0.024	0.167	< MDL	0.1	0.1	7	3.54E+10
			Avg	< MDL	0.031	0.005	0.031	0.163	< MDL	0.1	0.1	5	3.52E+10
M	RVCR 1502	N80 / MATYPM CD 9300157	1	< MDL	0.019	0.008	0.028	0.128	< MDL	0.1	0.1	3	2.99E+10
			2	< MDL	0.016	0.005	0.021	0.121	< MDL	0.1	0.1	3	2.53E+10
			3	< MDL	0.021	0.007	0.025	0.136	< MDL	0.1	0.1	4	2.76E+10
			Avg	< MDL	0.019	0.007	0.025	0.128	< MDL	0.1	0.1	3	2.76E+10
XL	RVCR 1504	N80 / HATYPXL CD 9300009	1	< MDL	0.024	0.008	0.040	0.244	< MDL	0.1	0.1	9	4.41E+10
			2	< MDL	0.020	0.007	0.035	0.260	< MDL	0.1	0.1	6	4.79E+10
			3	< MDL	0.027	0.008	0.037	0.227	< MDL	0.1	0.1	8	3.61E+10
			Avg	< MDL	0.024	0.008	0.037	0.244	< MDL	0.1	0.1	8	4.27E+10

Remarks : < MDL - Less Than Method Detection Limit

Conclusion

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

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