

Certificate of Conformance

Details

Date : 9th December 2024

Type : Nitrile Glove White (Powder Free)

Length : 9"

Batch No : N820424

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
				< 1800	< 0.05	< 1.50	< 0.05	< 1.00	< 0.05	< 0.05	< 1.00	< 5.00	
M	TN302W	N82 / BTNM 8100094	1	1515	< MDL	0.197	< MDL	0.377	< MDL	< MDL	0.026	3.50	Not Detected
			2	1377	< MDL	0.182	< MDL	0.291	< MDL	< MDL	0.050	3.08	
			3	1650	< MDL	0.188	< MDL	0.406	< MDL	< MDL	0.031	3.27	
			Avg	1514	< MDL	0.189	< MDL	0.358	< MDL	< MDL	0.036	3.28	
XL	TN304W	N82 / BTNXL 8100046	1	1424	< MDL	0.644	< MDL	0.424	< MDL	< MDL	0.075	1.92	Not Detected
			2	1488	< MDL	0.681	< MDL	0.477	< MDL	< MDL	0.071	2.44	
			3	1406	< MDL	0.603	< MDL	0.359	< MDL	< MDL	0.073	1.67	
			Avg	1439	< MDL	0.643	< MDL	0.420	< MDL	< MDL	0.073	2.01	

Cleanliness Test										ESD Test			
Size	Part No	Lot No	No. of trial	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
										+ve 1 KV	-ve 1 KV		Ohms / sq
										<= 0.5 s		<= 20 Volt	<=10 ¹⁰
M	TN302W	N82 / BTNM 8100094	1	< MDL	0.016	0.004	0.033	0.244	< MDL	0.1	0.1	4	3.31E+10
			2	< MDL	0.019	0.006	0.040	0.218	< MDL	0.1	0.1	3	2.55E+10
			3	< MDL	0.017	0.005	0.027	0.260	< MDL	0.1	0.1	6	2.78E+10
			Avg	< MDL	0.017	0.005	0.033	0.241	< MDL	0.1	0.1	4	2.88E+10
XL	TN304W	N82 / BTNXL 8100046	1	< MDL	0.021	0.006	0.026	0.194	< MDL	0.1	0.1	8	4.48E+10
			2	< MDL	0.029	0.004	0.023	0.235	< MDL	0.1	0.1	6	4.23E+10
			3	< MDL	0.024	0.007	0.020	0.161	< MDL	0.1	0.1	9	4.67E+10
			Avg	< MDL	0.025	0.006	0.023	0.197	< MDL	0.1	0.1	8	4.46E+10

Remarks : < MDL - Less Than Method Detection Limit

Conclusion

The Nitrile Glove White (Powder Free) under Batch No : N820424 passed the above specification.

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