

## Certificate of Conformance

### Details

Date : 30th August 2022

Type : Nitrile Glove White ( Powder Free )

Length : 9"

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
				< 2500									< 5.00
XS	TN300W	N80 / BTNXS 8100036	1	1382	< MDL	0.185	< MDL	0.175	< MDL	< MDL	0.067	1.76	Not Detected
			2	1331	< MDL	0.199	< MDL	0.196	< MDL	< MDL	0.055	1.63	
			3	1366	< MDL	0.181	< MDL	0.184	< MDL	< MDL	0.074	2.24	
			Avg	1360	< MDL	0.188	< MDL	0.185	< MDL	< MDL	0.065	1.88	
S	TN301W	N80 / BTNS 8100075	1	1651	< MDL	0.552	< MDL	0.332	< MDL	< MDL	0.026	3.15	Not Detected
			2	1388	< MDL	0.197	< MDL	0.278	< MDL	< MDL	0.043	3.37	
			3	1472	< MDL	0.344	< MDL	0.306	< MDL	< MDL	0.031	2.66	
			Avg	1504	< MDL	0.364	< MDL	0.305	< MDL	< MDL	0.033	3.06	
XL	TN304W	N80 / BTNXL 8100037	1	1624	< MDL	0.427	< MDL	0.389	< MDL	< MDL	0.029	3.47	Not Detected
			2	1911	< MDL	0.551	< MDL	0.313	< MDL	< MDL	0.026	3.50	
			3	1736	< MDL	0.469	< MDL	0.367	< MDL	< MDL	0.034	3.31	
			Avg	1757	< MDL	0.482	< MDL	0.356	< MDL	< MDL	0.030	3.43	

**Result :**

Cleanliness Test										ESD Test			
Size	Part No	Lot No	No. of trial	Lithium	Sodium	Ammonium	Potassium	Calcium	Magnesium	Decay Time (s)		Tribo Charge	SRM
				$\mu\text{g}/\text{cm}^2$	$\mu\text{g}/\text{cm}^2$	$\mu\text{g}/\text{cm}^2$	$\mu\text{g}/\text{cm}^2$	$\mu\text{g}/\text{cm}^2$	$\mu\text{g}/\text{cm}^2$	+ve 1 KV	-ve 1 KV		Ohms / sq
										$\leq 0.5$ s		$\leq 20$ Volt	$< 10^{10}$
XS	TN300W	N80 / BTNXS 8100036	1	< MDL	0.018	0.008	0.031	0.143	< MDL	0.1	0.1	4	2.06E+10
			2	< MDL	0.016	0.006	0.027	0.129	< MDL	0.1	0.1	3	2.33E+10
			3	< MDL	0.024	0.007	0.035	0.155	< MDL	0.1	0.1	3	2.14E+10
			Avg	< MDL	<b>0.019</b>	<b>0.007</b>	<b>0.031</b>	<b>0.142</b>	< MDL	<b>0.1</b>	<b>0.1</b>	<b>3</b>	<b>2.18E+10</b>
S	TN301W	N80 / BTNS 8100075	1	< MDL	0.032	0.004	0.021	0.188	< MDL	0.1	0.1	7	3.26E+10
			2	< MDL	0.037	0.006	0.029	0.137	< MDL	0.1	0.1	6	3.91E+10
			3	< MDL	0.025	0.005	0.025	0.157	< MDL	0.1	0.1	7	3.78E+10
			Avg	< MDL	<b>0.031</b>	<b>0.005</b>	<b>0.025</b>	<b>0.161</b>	< MDL	<b>0.1</b>	<b>0.1</b>	<b>7</b>	<b>3.65E+10</b>
XL	TN304W	N80 / BTNXL 8100037	1	< MDL	0.037	0.004	0.037	0.208	< MDL	0.1	0.1	9	4.41E+10
			2	< MDL	0.031	0.004	0.031	0.192	< MDL	0.1	0.1	8	2.63E+10
			3	< MDL	0.039	0.005	0.040	0.234	< MDL	0.1	0.1	8	3.59E+10
			Avg	< MDL	<b>0.036</b>	<b>0.004</b>	<b>0.036</b>	<b>0.211</b>	< MDL	<b>0.1</b>	<b>0.1</b>	<b>8</b>	<b>3.54E+10</b>

Remarks : < MDL - Less Than Method Detection Limit

**Conclusion**

The Nitrile Glove White ( Powder Free ) under Batch No : N800422 passed the above specification.

Prepared by :



Mr Leaw Wei Zhen  
QA Manager

Approved by:



Ms Sabariah Salleh  
Senior QA Manager