



INNOVATIVE SOLUTIONS FOR CRITICAL ENVIRONMENTS

Valutek, Inc

220 South 9th St.

Phoenix, Arizona, 85034, United States

P +1 602.256.0540 | F +1 602.252.1972

valutek.com | quality@valutek.com

CERTIFICATE OF ANALYSIS

Product Category:	Gloves
Substrate Material:	Latex
Part Number:	VTGLPFB90-SM
Lot Number:	230801-T002
Sample Received Date:	08-07-2023
Manufacturing Date:	08-01-2023
Test Date:	08-11-2023

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Physical Inspection

Test Method: ASTM D5151 & ASTM D6319

1. Water Tight Test	Sampling	AQL	Result
	G1	1.5	Pass
2. Visual Inspection	Sampling	AQL	Result
Critical Defects	G1	1.5	Pass
Major Defects	G1	2.5	Pass
Minor Defects	G1	4.0	Pass
3. Dimension Test	Sampling	AQL	Result
Length	S2	4.0	Pass
Thickness	S2	4.0	Pass

Physical Properties

Physical Test	Method	Criteria	Actual	Result
4. Tensile Strength	ASTM D412	Min. 21 Mpa	22.95	Pass
5. Elongation	ASTM D412	min. 700%	752	Pass

Cleanliness

Liquid Particle Count Test

LPC	Method	Specification	Actual	Result
Counts / cm ² (≥ 0.5 micron)	IEST-RP-CC005.4	<2400	1664.01	Pass

Contamination Detection

Fourier Transform Infra-Red Test

FTIR	Method	Specification	Actual	Result
Silicone, Amide, DOP	IEST-RP-CC005.4	Absent	Absent	Pass

Total Non Volatile Residue Test

TNVR	Method	Specification	Actual	Result
Isopropyl Alcohol (mg/cm ²)	IEST-RP-CC005.4	< 5.0	3.00	Pass
DI H ₂ O (mg/cm ²)	IEST-RP-CC005.4	< 2.0	0.40	Pass

Protein Content

Test	Method	Specification	Actual	Result
Protein Content (µg/dm ²)	ASTM D5712	< 50 µg/dm ²	30.45	Pass

Notes:



Tested by:
Logeswary Gopal
 Laboratory Coordinator



Approved by:
Vijendraan Venkitasalam
 Quality Manager