



**ANSI Z87.1- 2010; Optical Requirements Par. 7.4.3: Optical Qualities**

**Result: Pass**

Note: The lenses are free of striae, bubbles, waves, and other visible defects and flaws which would impair their optical quality.

**ANSI Z87.1- 2015; Optical Requirements Par. 7.4.3.2: Prismatic Power (Refer: Optitester/ 070)**

**Result: Pass**

Sample ID	Measured Value	Specification	Pass	Fail
1-14	0.09Δ	Prismatic Power $\leq 0.25\Delta$	X	
	0.03Δ	Vertical Imbalance $\leq 0.25\Delta$	X	
	0.10Δ, Base In	Horizontal Imbalance $\leq 0.50\Delta$ Base Out $\leq 0.25\Delta$ Base In	X	
1-15	0.10Δ	Prismatic Power $\leq 0.25\Delta$	X	
	0.02Δ	Vertical Imbalance $\leq 0.25\Delta$	X	
	0.05Δ, Base Out	Horizontal Imbalance $\leq 0.50\Delta$ Base Out $\leq 0.25\Delta$ Base In	X	
1-16	0.11Δ	Prismatic Power $\leq 0.25\Delta$	X	
	0.00Δ	Vertical Imbalance $\leq 0.25\Delta$	X	
	0.04Δ, Base Out	Horizontal Imbalance $\leq 0.50\Delta$ Base Out $\leq 0.25\Delta$ Base In	X	

**ANSI Z87.1- 2015; Optical Requirements Par. 7.4.3.3: Refractive Power (Refer: Optitester/ 070)**

**Result: Pass**

Sample ID	Location	Measured Value	Specification	Pass	Fail
1-17	Right Ocular	0.03 D	Refractive Power- $\leq +/-0.06$ D	X	
		0.00 D	Astigmatism- $\leq 0.06$ D	X	
	Left Ocular	0.01 D	Refractive Power- $\leq +/-0.06$ D	X	
		0.06 D	Astigmatism- $\leq 0.06$ D	X	
1-18	Right Ocular	0.03 D	Refractive Power- $\leq +/-0.06$ D	X	
		0.00 D	Astigmatism- $\leq 0.06$ D	X	
	Left Ocular	-0.01 D	Refractive Power- $\leq +/-0.06$ D	X	
		0.00 D	Astigmatism- $\leq 0.06$ D	X	
1-19	Right Ocular	0.01 D	Refractive Power- $\leq +/-0.06$ D	X	
		0.00 D	Astigmatism- $\leq 0.06$ D	X	
	Left Ocular	0.01 D	Refractive Power- $\leq +/-0.06$ D	X	
		0.00 D	Astigmatism- $\leq 0.06$ D	X	