

**Appendix Table A2.** Results from the *in vivo* portion of the study with the multipurpose solutions [Clear Care (CC), PureMoist (PM), Biotrue (BT), RevitaLens (RL) or saline solution (SS)]. Each trial represents a control-test solution pairs (e.g., Clear Care vs. PureMoist); the order of the trial for each subject was based on a randomization table.

	Trial 1		Trial 2		Trial 3		Trial 4	
	CC	PM	CC	BT	CC	RL	CC	SS
Comfort (10 minute)	86 ± 15	76 ± 22	91 ± 9	92 ± 9	91 ± 11	90 ± 13	90 ± 12	90 ± 14
Comfort (2 hour)	90 ± 15	89 ± 17	91 ± 13	91 ± 12	90 ± 14	88 ± 18	89 ± 17	90 ± 18
Dryness (10 minute)	12 ± 17	15 ± 19	9 ± 13	8 ± 12	7 ± 12	9 ± 14	10 ± 19	9 ± 18
Dryness (2 hour)	19 ± 25	19 ± 24	11 ± 17	11 ± 17	16 ± 23	17 ± 27	19 ± 28	19 ± 28
Pre-Lens Non-Invasive Tear Breakup Time (in seconds)	3.4 ± 0.5	3.9 ± 0.6	3.1 ± 0.6	3.5 ± 0.5	3.2 ± 0.4	4.2 ± 0.6	3.6 ± 0.4	3.4 ± 0.6
Pre-Corneal Non-Invasive Tear Breakup Time (in seconds)	7.0 ± 0.7	6.1 ± 0.5	6.6 ± 0.6	6.0 ± 0.5	5.21 ± 0.7	6.2 ± 0.6	6.4 ± 0.5	6.0 ± 0.5
Wettability	3.6 ± 0.4	3.6 ± 0.5	3.5 ± 0.5	3.6 ± 0.5	3.6 ± 0.4	3.7 ± 0.3	3.5 ± 0.4	3.4 ± 0.4
Push-up	54.0 ± 9.2	54.7 ± 8.5	55.4 ± 8.7	54.8 ± 9.1	55.9 ± 8.8	54.1 ± 9.3	56.4 ± 8	56.8 ± 8.3
Post-blink movement (in millimeters)	0.2 ± 0.1	0.2 ± 0.1	0.2 ± 0.1	0.2 ± 0.2	0.2 ± 0.1	0.2 ± 0.1	0.2 ± 0.1	0.2 ± 0.2