

**Roshambo Baby Inc.**

Sample:

**Adult Small - Clear Poly Lens**

For Test:

**Blue Light Spectral Scan - DQ**

Colts Internal Control Number:

**O-RBO052019-03-01**

**Sample Group Description**

Samples		Material / Coatings (HC,AR)		Comments:	
Manufacturer:	Roshambo baby Inc.	Material:	Polycarbonate		
Requested by:	Scott Morris	Coating Type:	AR		
Lab Temp:	23C	Lens Type:	FSV		
Date Received:	5/20/2019	Lab Rh:	47%		
Date Tested:	5/22/2019	Report Date:	5/23/2019		

**Test**

**Blue Light Transmittance**

O-RBO052019-03-01-01

Wavelength	%T	Wavelength	%T	Wavelength	%T	Wavelength	%T
400	0.01	425	42.73	450	76.66	475	85.73
401	0.03	426	47.12	451	76.54	476	85.20
402	0.05	427	51.05	452	76.55	477	84.66
403	0.04	428	55.00	453	76.64	478	84.07
404	0.03	429	58.47	454	76.93	479	83.42
405	0.03	430	61.89	455	77.33	480	82.93
406	0.04	431	64.93	456	77.82	481	82.46
407	0.03	432	67.65	457	78.57	482	82.03
408	0.05	433	70.31	458	79.29	483	81.77
409	0.07	434	72.45	459	80.10	484	81.49
410	0.10	435	74.32	460	80.97	485	81.34
411	0.20	436	76.03	461	81.80	486	81.29
412	0.40	437	77.24	462	82.77	487	81.39
413	0.86	438	78.21	463	83.66	488	81.48
414	1.70	439	78.91	464	84.44	489	81.71
415	3.00	440	79.34	465	85.17	490	82.14
416	4.91	441	79.50	466	85.83	491	82.60
417	7.44	442	79.48	467	86.38	492	83.02
418	10.84	443	79.26	468	86.75	493	83.53
419	14.78	444	78.97	469	87.03	494	84.13
420	19.16	445	78.54	470	87.12	495	84.76
421	23.86	446	78.06	471	87.09	496	85.51
422	28.32	447	77.65	472	86.93	497	86.20
423	33.41	448	77.25	473	86.64	498	86.85
424	38.25	449	76.93	474	86.20	499	87.50
						500	88.09

