



Refractive Index Liquid **Series B**
 Refractive Index **1.65400** at 589.3 nm and 25 °C

Cauchy Coefficients
 A 1.615400E+00 B 1.0770E+04 C 9.1482246E+08

Cauchy Equation at 25°C $A + B / \lambda^2 + C / \lambda^4$ (λ = Wavelength in nm)

Wavelength (nm)	Refractive Index	Transmittance			
		0.1 mm	1 mm	1 cm	10 cm
225.0	-	-	-	-	-
240.0	-	-	-	-	-
250.0	-	-	-	-	-
270.0	-	-	-	-	-
290.0	-	-	-	-	-
308.0	-	-	-	-	-
355.0	-	-	-	-	-
365.0	1.748	99	87	25	0
406.0	1.7144	99	95	57	0
473.0	1.6818	100	99	87	25
532.0	1.6649	100	100	97	74
589.3	1.6540	100	100	98	82
632.8	1.6480	100	100	98	82
656.3	1.6453	100	100	98	82
790.0	1.6350	100	100	98	82
828.0	1.6331	100	100	99	86
981.0	1.628	100	100	99	90
1310.0	1.622	100	99	95	59
1550.0	1.620	100	99	93	48
2500.0	-	-	-	-	-
3700.0	-	-	-	-	-

($n_F - n_C$) 0.0320

Abbe v_D 20.4

Temp. Coefficient -0.000468 dn_D/dt (15 - 35 °C)

Shelf Life: 5 Years from Date of Manufacture for Unopened Bottles, Half the Remaining Time after Opening