





Refractive Index Liquid **Series B**  
 Refractive Index **1.67400** at 589.3 nm and 25 °C

Cauchy Coefficients  
 A 1.632898E+00 B 1.1388E+04 C 1.0023328E+09

Cauchy Equation at 25°C  $A + B / \lambda^2 + C / \lambda^4$  ( $\lambda$  = 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	1.775	97	72	4	0
406.0	1.7389	98	80	11	0
473.0	1.7038	99	95	57	0
532.0	1.6856	100	99	95	58
589.3	1.6740	100	100	96	69
632.8	1.6676	100	100	97	75
656.3	1.6647	100	100	98	78
790.0	1.6537	100	100	98	83
828.0	1.6516	100	100	99	88
981.0	1.646	100	100	99	90
1310.0	1.640	100	100	96	68
1550.0	1.638	100	99	93	49
2500.0	-	-	-	-	-
3700.0	-	-	-	-	-

( $n_F - n_C$ ) 0.0343

Abbe  $v_D$  19.6

Temp. Coefficient -0.000474  $dn_D/dt$  (15 - 35 °C)

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