



Refractive Index Liquid **Series B**
 Refractive Index **1.65600** at 589.3 nm and 25 °C

Cauchy Coefficients
 A 1.617079E+00 B 1.0842E+04 C 9.2867061E+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	1.751	99	87	26	0
406.0	1.7170	99	94	56	0
473.0	1.6841	100	99	86	23
532.0	1.6670	100	100	97	73
589.3	1.6560	100	100	98	81
632.8	1.6499	100	100	98	82
656.3	1.6473	100	100	98	82
790.0	1.6368	100	100	98	82
828.0	1.6349	100	100	99	86
981.0	1.629	100	100	99	90
1310.0	1.624	100	99	95	60
1550.0	1.622	100	99	93	48
2500.0	-	-	-	-	-
3700.0	-	-	-	-	-

($n_F - n_C$) 0.0323

Abbe v_D 20.3

Temp. Coefficient -0.000469 dn_D/dt (15 - 35 °C)

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