



Refractive Index Liquid **Series B**
 Refractive Index **1.64800** at 589.3 nm and 25 °C

Cauchy Coefficients
 A 1.610404E+00 B 1.0550E+04 C 8.7035431E+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	1.739	98	85	20	0
406.0	1.7064	99	94	56	0
473.0	1.6749	100	99	87	25
532.0	1.6585	100	100	97	73
589.3	1.6480	100	100	98	82
632.8	1.6422	100	100	98	82
656.3	1.6396	100	100	98	83
790.0	1.6295	100	100	98	83
828.0	1.6276	100	100	99	87
981.0	1.622	100	100	99	89
1310.0	1.617	100	99	95	57
1550.0	1.615	100	99	92	45
2500.0	-	-	-	-	-
3700.0	-	-	-	-	-

($n_F - n_C$) 0.0311

Abbe v_D 20.9

Temp. Coefficient -0.000465 dn_D/dt (15 - 35 °C)

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