





Refractive Index Liquid **Series AAA**  
 Refractive Index **1.36000** at 589.3 nm and 25 °C

Cauchy Coefficients  
 A 1.351934E+00 B 3.0118E+03 C -7.3214925E+07

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	1.38	99	90	35	0
250.0	1.38	99	94	55	0
270.0	1.38	100	98	78	8
290.0	1.38	100	99	86	22
308.0	1.38	100	99	91	38
355.0	1.371	100	99	95	59
365.0	1.370	100	100	97	75
406.0	1.3675	100	100	98	80
473.0	1.3639	100	100	99	94
532.0	1.3617	100	100	99	94
589.3	1.3600	100	100	100	96
632.8	1.3590	100	100	100	97
656.3	1.3585	100	100	100	97
790.0	1.3566	100	100	100	98
828.0	1.3562	100	100	100	96
981.0	1.355	100	100	100	96
1310.0	1.354	100	100	100	96
1550.0	1.353	100	100	99	91
2500.0	1.35	100	99	92	43
3700.0	1.35	98	83	15	0

( $n_F - n_C$ ) 0.0048

Abbe  $v_D$  74.4

Temp. Coefficient -0.000341  $dn_D/dt$  (15 - 35 °C)

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