



Refractive Index Liquid **Series AAA**
 Refractive Index **1.35000** at 589.3 nm and 25 °C

Cauchy Coefficients
 A 1.342204E+00 B 2.9461E+03 C -8.2890503E+07

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	1.37	99	91	37	0
250.0	1.37	99	95	57	0
270.0	1.37	100	98	80	11
290.0	1.37	100	99	88	27
308.0	1.36	100	99	92	43
355.0	1.360	100	100	96	64
365.0	1.360	100	100	97	78
406.0	1.3570	100	100	98	82
473.0	1.3537	100	100	99	95
532.0	1.3516	100	100	99	95
589.3	1.3500	100	100	100	96
632.8	1.3490	100	100	100	97
656.3	1.3486	100	100	100	97
790.0	1.3467	100	100	100	98
828.0	1.3463	100	100	100	96
981.0	1.345	100	100	100	96
1310.0	1.344	100	100	100	96
1550.0	1.343	100	100	99	89
2500.0	1.34	100	99	91	40
3700.0	1.34	98	81	12	0

($n_F - n_C$) 0.0046

Abbe v_D 76.2

Temp. Coefficient -0.000340 dn_D/dt (15 - 35 °C)

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