



Refractive Index Liquid **Series AAA**
 Refractive Index **1.33500** at 589.3 nm and 25 °C

Cauchy Coefficients
 A 1.327608E+00 B 2.8474E+03 C -9.7403869E+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	1.35	99	92	41	0
250.0	1.35	99	95	59	1
270.0	1.35	100	98	83	15
290.0	1.35	100	99	90	35
308.0	1.35	100	99	94	51
355.0	1.344	100	100	97	71
365.0	1.343	100	100	98	82
406.0	1.3413	100	100	99	86
473.0	1.3384	100	100	100	96
532.0	1.3365	100	100	100	96
589.3	1.3350	100	100	100	97
632.8	1.3341	100	100	100	98
656.3	1.3337	100	100	100	98
790.0	1.3319	100	100	100	98
828.0	1.3316	100	100	100	96
981.0	1.330	100	100	100	96
1310.0	1.329	100	100	100	96
1550.0	1.329	100	100	99	87
2500.0	1.33	100	99	90	35
3700.0	1.33	97	77	8	0

($n_F - n_C$) 0.0042

Abbe v_D 79.4

Temp. Coefficient -0.000338 dn_D/dt (15 - 35 °C)

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