

## Density of Various Solvents

Solvent	Chemical Formula	Density
<u>Non-Polar Solvents</u>		
<a href="#">Hexane</a>	CH <sub>3</sub> -CH <sub>2</sub> -CH <sub>2</sub> -CH <sub>2</sub> -CH <sub>2</sub> -CH <sub>3</sub>	0.655 g/ml
<a href="#">Benzene</a>	C <sub>6</sub> H <sub>6</sub>	0.879 g/ml
<a href="#">Toluene</a>	C <sub>6</sub> H <sub>5</sub> -CH <sub>3</sub>	0.867 g/ml
<a href="#">Xylene</a>		0.713 g/ml
<a href="#">Ethyl acetate</a>	CH <sub>3</sub> -C(=O)-O-CH <sub>2</sub> -CH <sub>3</sub>	0.894 g/ml
<u>Polar Aprotic Solvents</u>		
<a href="#">1,4-Dioxane</a>	<u>/-CH<sub>2</sub>-CH<sub>2</sub>-O-CH<sub>2</sub>-CH<sub>2</sub>-O-\</u>	<b>1.033 g/ml</b>
<a href="#">Acetone</a>	CH <sub>3</sub> -C(=O)-CH <sub>3</sub>	0.786 g/ml
<a href="#">Acetonitrile (MeCN)</a>	CH <sub>3</sub> -C≡N	0.786 g/ml
<a href="#">Dimethylformamide (DMF)</a>	H-C(=O)N(CH <sub>3</sub> ) <sub>2</sub>	0.944 g/ml
<u>Polar Protic Solvents</u>		
<a href="#">Acetic acid</a>	CH <sub>3</sub> -C(=O)OH	<b>1.049 g/ml</b>
<a href="#">n-Butanol</a>	CH <sub>3</sub> -CH <sub>2</sub> -CH <sub>2</sub> -CH <sub>2</sub> -OH	0.810 g/ml
<a href="#">Isopropanol (IPA)</a>	CH <sub>3</sub> -CH(-OH)-CH <sub>3</sub>	0.785 g/ml
<a href="#">n-Propanol</a>	CH <sub>3</sub> -CH <sub>2</sub> -CH <sub>2</sub> -OH	0.803 g/ml
<a href="#">Ethanol</a>	CH <sub>3</sub> -CH <sub>2</sub> -OH	0.789 g/ml
<a href="#">Methanol</a>	CH <sub>3</sub> -OH	0.791 g/ml
<a href="#">Water</a>	H-O-H	1.000 g/ml
Propylene Glycol Monomethyl Ether Acetate .	PGMEA	0.97 g/ml
Ethyl- 3-Ethoxypropionate	EEP	0.95 g/ml
Methyl-3-Methoxypropionate	MMP	1.01 g/ml
Ethyl Lactate	EL	1.04 g/ml
Methyl Amyl Ketone	MAK	0.82 g/ml
Xylenes		0.713 g/ml
n-Butyl Acetate	nBA	0.90 g/ml
Diethylene Glycol Dimethyl Ether	Diglyme	0.95 g/ml
2-Pentanone	MPK	0.81 g/ml