

RELATIVE DENSITY FOR SYRUPS/SUSPENSIONS

Determination of Suspension/Syrup Relative Density:

Pyknometer Mass (g)	Pyknometer + Water (g)	Pyknometer + Sample (g)
16.54565	28.35	31.38
	28.28	31.45
	28.34	31.38
	0	0
	Mean: 28.25	Mean: 31.18

Mass of Water (g): 11.70

Mass of Sample (g): 14.63

$$\text{Relative Density of Sample} = \frac{\text{Mass of Sample (g)}}{\text{Mass of Water (g)}} = \underline{1.25}$$

$$\text{Sample Relative Density} = \underline{\underline{1.25}}$$