

Table referenced as "Molecular weights and sedimentation constants of transfer RNAs prepared from different organisms"

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Table 6

Molecular Weights and Sedimentation Constants of Transfer RNAs
prepared from different organisms

Source	Sedimentation Constants (Svedbergs)		Molecular Weights ± 1000
	Prep. 1.	Prep. 2.	Prep. 1.
Yeast	4.05	4.07	28,000
<u>Escherichia</u> <u>coli</u>	3.92	4.15	28,000
Calf liver	3.85	3.90	27,500
Trout liver	3.82	4.10	-
Pea shoots	3.76	3.83	-
Blowfly larvae	3.90	4.02	-
<u>Tetrahymena</u> <u>pyriformis</u>	3.92	3.95	27,500

The sedimentation constants were measured at a concentration of 10 mg./ml at 20° C in 0.02 M sodium phosphate buffer, pH 6.8 and are corrected to values in water. The molecular weights