

Table 1: Reported mean lycopene levels in human²⁸⁻³¹ and rat³² tissues*

Tissue	Mean lycopene level (and SD), nmol/g wet weight	
	Humans	Rats
Testes	4.34–21.36	NA
Spleen	NA	21.21 (2.22)
Adrenal gland	1.90–21.60	NA
Liver	1.28–5.72	20.30 (1.90)
Prostate gland	0.80	0.32 (0.06)
Breast	0.78	NA
Pancreas	0.70	NA
Lung	0.22–0.57	0.115 (0.015)
Heart	NA	0.08 (0.03)
Kidney	0.15–0.62	NA
Colon	0.31	0.046 (0.006)
Skin	0.42	NA
Ovary	0.30	NA
Stomach	0.20	NA
Brain	ND	0.017 (0.006)

Note: SD = standard deviation, NA = not available, ND = not detectable.

*Fischer 344 male rats were fed the AIN-93M diet supplemented with 10 ppm of lycopene for 2 months (AIN = American Institute of Nutrition).

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