

MONOMOLECULAR LAYER

Name:

Group:

Date:

1. Goal of the experiment:

2. Results of measurements of the monomolecular layer diameter d_L :

	unit	1	2	3	4	5	6	7	8	9	10
d_L											

a) mean value of the monomolecular layer diameter:

$$\bar{d}_L = \dots\dots\dots$$

b) standard deviation of the mean value:

$$s_{\bar{d}_L} = \dots\dots\dots$$

c) maximum error of the mean value:

$$\Delta \bar{d}_L = \dots\dots\dots$$

Diameter of the monomolecular layer:

$$\bar{d}_L \pm \Delta \bar{d}_L = \dots\dots\dots$$

3. Volume V_d of a single drop of the stearic acid solution.

$$V \pm \Delta V = \dots\dots\dots$$

