

5.3 Colloids and Suspensions

Colloid - homo mixture (large dissolved particles)

aggregates - particles present in the colloid

medium - component present in the greatest amount

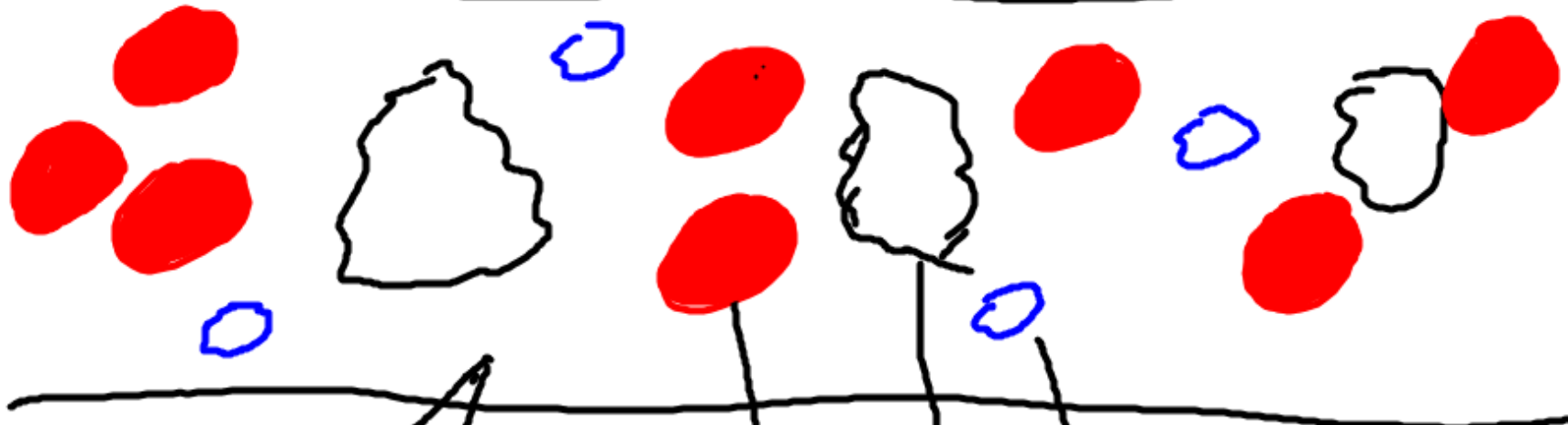
Suspension - hetero mixture (even larger particles)

dispersion medium - component present in the greatest amount

table 5.5 + Body
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	Solution	Colloid	Suspension
size	< 1 nm atom, ion, molecules	1 nm - 1000 nm larger ion, molecules proteins, starch	> 1000 nm red/white
examples	Saline (NaCl) sugar water	Blood serum smoke cement mayo cheese	mud chalk <u>cough syrup</u>
settling	never	could over time	will
motion	random always	Brownian motion random / continuous	Gravity

micro scale



micro-
nano-

