



جامعة دمياط
كلية العلوم
قسم الكيمياء

بيان بالأجهزة الموجودة بمعمل أبحاث الكيمياء الحيوية

| الرقم | اسم الجهاز | استخدامات الجهاز |
|-------|-----------------------------------|--|
| 1 | Electric centrifuge | It is used for separation natural or artificial substance to use in further application |
| 2 | A.c automatic voltage regulator | It is used for stabilizing the volt to suitable value |
| 3 | Octa A-1 beacon calorimeter | It is used for determination the concentration of substance |
| 4 | Bioste octa-1 digital colorimeter | It is used for determination the concentration of substance |
| 5 | Jenway colorimeter | It is used for determination the concentration of substance |
| 6 | 722 spectrophotometer | It is used for determination the concentration of substance for range of visible and ultraviolet range |
| 7 | Hot plate | It is used for rising the temperature of substance to suitable temperature |
| 8 | Tissue homogenizer | It is used for digestion the natural and artificial substance to used supernatant in analytical measurements |
| 9 | Magnetic stirrer | It is used for increasing the solubility of partially soluble substance |
| 10 | Spekol11 photometer | It is used for determination the concentration of substance for |

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| | | range of visible and ultraviolet range |
| 11 | Touch mixer | It is used for facility mixing the sample |
| الرقم | اسم الجهاز | استخدامات الجهاز |
| 12 | Ice centrifuge | It is used for separation natural and artificial substance under low temperature to keep the activity of enzyme which present in this substance |
| 13 | Water bath | It is used for heating the solution to suitable temperature |
| 14 | oven | It is used for drying the substance and glasses |
| 15 | Incubator | It is used for incubation the substance at the suitable temperature |
| 16 | Digital balance | It is used for weighing the substance |