|  |  |  |  |
| --- | --- | --- | --- |
| **From where من حيث** | **Human’s milk** | **Cow’s milk** | **Buffalo’s milk** |
| **PH of fresh milk** | **6.8 - 7.4** | **6.6 - 6.8** | **------** |
| **Normal specific gravity** | **1030 - 1035** | **1020 - 1030** | **------** |
| **Freezing point of milk**  | **------** | **Ranges from (-0.35) to (-0.57) °C with average (-0.55) °C** |
| **Milk protien** | **less** | **More**  | **------** |
| **Human’s milk<Cow’s milk** |
| **Percentage of casein (milk protein)** | **25%** | **83%** | **------** |
| **Amount of lipid** | **3.5 gm/dl** | **7gm/dl** |
| **Amount of phosphlipds** | **Phospholipids in cow's milk twice that of human milk.** | **------** |
| **Amount of cholesterol**  |  **Human’s milk mainly (ester form of Cholesterol)** | **Cow's milk contains** **(mainly free form of Cholesterol )** | **------** |
| **Cow's milk higher proportion Human’s milk** |
| **Percentage of lactose**  | **7%** | **5%** | **------** |
| **Percentage of minerals** | **0.4%** | **0.8%** | **------** |
| Human’s milk contain less than cow's milk |
| **Ratio for absorption of Ca:P**  | **2:1** | **1:2** | **------** |
| **Milk deficient of Fe** | **more** | **less** | **------** |
| Milk is deficient in **Iron** in human’s milk more than cow's milk |