



מדינת ישראל
משרד החקלאות ופיתוח הכפר
אגף לבע"ח, המחלקה לעופות

TO WHOM IT MAY CONCERN

06/07/2022

Re: Drinking water treatment with PolloSano Equipment

Dear Sirs/Madam ,

We have evaluated the water treatment method provided by PolloSano Ltd. and its effects on drinking water for animal consumption using human standards basis measurements .

The methodology of treatment applied by the PolloSano equipment is based on activation of air oxygen in a magnetic field by UV irradiation. This creates reactive oxygen species in the air that is blown into the water form of micro-bubbles for its treatment.

These reactive oxygen species do react with micro-organisms and impurities thus cleaning and sanitizing the water. Sufficient treatment using the equipment creates a drinking water quality that is safe for consumptions of animals as for humans depends on water quality source. The method is suited best to treat low turbidity waters through oxidation and a prior flocculation and/or filtration step is advisable prior to oxidation with the PolloSano equipment if higher turbidity raw waters are to be treated.

In conclusion, we can summarize that the sanitation of water by the PolloSano equipment works with activated air, without producing ozone and without the use of chlorine, chlorine derivatives nor other biocidal substances. Therefore, no toxic by-products, such as e.g. chlorinated organic substances, are produced and the use of the PolloSano equipment results in safe drinking water.

Sincerely,


Dr. Israel Yosefowitz,

Poultry physiology & Drinking water quality , Poultry production research Senior Reference,

Ministry of Agriculture, Israel