

## **Technical Information Sheet**

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Animal Drinking Water			
Revision version : 001	Date of revision : 10-Dec-2024	Prepared by : Adisakdi Ch.	
Product Category	<ul><li>Scale removal product</li><li>Water sanitizing agent</li></ul>		
Application	<ul><li>Water pipe decontamination</li><li>Scale removal in water pipe</li></ul>		
Key Function(s)		<ul> <li>Biofilm removal</li> <li>Microorganism decontamination</li> <li>Enhance efficacy of vitamins or probiotics fed thru the pipe</li> </ul>	

Water is vital for an animal's health and survival, and is more important than food for most animals. Here are some ways that water is important for animals:

• Metabolic processes: Water is essential for all metabolic processes and chemical reactions.

- Temperature regulation: Water helps regulate an animal's body temperature.
- Waste elimination: Water helps remove waste products from digestion and metabolism.
- Nutrient transport: Water transports nutrients, hormones, and other chemical messages throughout the body.
- Digestion: Water aids in digestion and the absorption of nutrients.
- Cognitive function: Water improves cognitive function.
- Brain and spinal cord: Water cushions the brain and spinal cord.

Animals that don't drink enough water can become stressed or dehydrated. Signs of dehydration include: tightening of the skin, loss of weight, and drying of mucous membranes and eyes.

Here are some tips for ensuring that animals have access to clean drinking water:

Test the water for microorganism contamination

Regularly test the water to monitor the concentration of constituents over time.

Clean water lines

Clean water lines regularly to prevent biofilm from forming. Biofilm can make the water system a source of infection and disease.

- Consider the water source
- Consider the historical background data for the water source.
  - Consider the animal

Consider the livestock species, the agricultural production system, and the animal

At Stellar Unity, we gain long experiences in dealing with key challenges regarding water pipe and decontamination process in animal drinking water system. Though, the job is not easy but with our team commitment in providing the best services and the right products, customers or farm supervisors can foresee the benefits of placing attention to water pipe like they have never thought.

For more information of product

