

October 16, 2019

**ANIMAL TESTING**

**ACETYLCYSTEINE, USP (N-Acetyl-L-Cysteine) – 0495**

Dear valued customer,

Medisca<sup>®</sup> confirms that it does not perform, and has not performed, any testing on animals for any chemical products for the purpose of compliance with the national or international regulation. The toxicology and safety data found on our Safety Data Sheets (SDS) is obtained from published resources and is not the result of animal testing performed by Medisca.

However, please note, most food, cosmetic and pharmaceutical substances have been tested in the past in order to prove their safe status. Animal testing was carried out by different organizations in order to determine the risk and the appropriate labelling of the substance. Toxicity testing is essential for drug development process, as toxicity tests can provide preliminary information on the toxic nature of a material for which no other toxicology information is available. Animal methods to evaluate toxicity have been developed for a wide variety of toxic effects. Some procedures for routine safety testing have been standardized. Standardized animal toxicity tests have been highly effective in detecting toxicity that may occur in humans. As noted above, concern for animal welfare has resulted in tests that use humane procedures and only as many animals as are needed for statistical reliability. The pharmaceutical industry is committed to the health and safety of consumers and to creating ingredients that comply with all the applicable laws and is committed to abide by all legal obligations.

Salutations

**The MEDISCA Team**