**THE HISTORY BEHIND PHARMUSA CORP’S VETERINARY PRODUCTS**

S-Adenosylmethionine known under various tradenames such as “SAM e”, is naturally found in the body so there are generally no safety issues involved. These products even if made to FDA pharmaceutical standards would not normally require safety studies if they were naturally occurring in the body. Bioavailability studies which assess the body's absorption and utilization, may not always be necessary.

The product combines two active ingredients: S-Adenosylmethionine and Silybin-phosphatidylcholine Complex. S-Adenosylmethionine is a crucial precursor for producing the antioxidant glutathione, which plays a vital role in the liver’s detoxification process. Dogs have lower levels of glutathione compared to humans, and liver issues can further reduce these levels, hampering the liver’s ability to remove toxins.

Nonprescription products sold without prescription are sometimes categorized as supplements, non-drug substances, nutraceuticals and some incorrectly called dietary supplements, are recommended by Doctor of Veterinary Medicine who have the requisite training to diagnose liver disease.

To ensure the quality of the non-drug products, comparisons to brand products were made in an FDA-inspected prescription drug laboratory using in vitro testing. In vivo studies, regulated by FDA for some approved drugs, are not always required even for generic prescription drugs. Peer-reviewed studies are also not mandatory for these products.

The staff behind the development of our products have combined 100 years of pharmaceutical experience both large and small pharma. We combined these pharma execs with decades of successful FDA inspections, FDA approved drug licenses (NDAs and ANDAs) to source our raw material, develop formulations and oversee production thru packaging. Our expanding line will include generics of veterinary brands to help reduce pet parent’s cost and enable them to comply with veterinarian’s advice and treatment recommendations.

Final products were assayed in their pharmaceutical laboratory, meeting stability requirements until the expiration date and adhering to FTC label claims.