



INSPIRED MOLECULAR SOLUTIONS™

### Final Report 19N0- - - 0-v01

**Kemin Nutrurance, Inc.**  
Customer Laboratory Services  
1900 Scott Avenue  
Building #4  
Des Moines, IA 50317



**Customer:** PureLuxe  
**Location:** Atlanta, GA 30308  
**Date Received:** 5/14/2019  
**Date Approved:** 5/16/2019

**Project Notes:**  
Kemin Nutrurance, Inc.  
Attn: CLS BUILDING #4  
1900 Scott Avenue  
Des Moines, IA 50317



Sample Number: **19N0055----1**  
Sample Description: **SMALL BREED DOG**  
Sample Type: **Petfood Diet**  
Customer ID: **PLESB**

<u>Method</u>	<u>Description</u>	<u>Result</u>	<u>Units</u>
*KNCLS-WWM-006	Peroxide Value (FOXII)	0.82	mEq/kg Sample
KNCLS-WWM-005	BHA	<1	ppm
KNCLS-WWM-005	BHT	<1	ppm
KNCLS-WWM-005	TBHQ	<5	ppm
KNCLS-WWM-005	EQ	<5	ppm
*KNCLS-WWM-001	Delta:Gamma Ratio	1.04	
*KNCLS-WWM-001	Naturox	393	ppm

Kemin is the Leader in Natural Preservation using Mixed Tocopherals. This is a costly process and many companies cheat the system by purchasing chemically preserved raw ingredients and applying low levels of natural preservation.

**Pureluxe uses Kemin's brand "Naturox" in 3 ways:**

- (1) all raw ingredients such as fresh meat, meals, and fats get stabilized naturally before receiving at the factory.
- (2) all the mill where dry ingredients are combined we add dry Naturox to the mix to further support the shelf-life.
- (3) at the time of production Pureluxe gets liquid Naturox applied to the fat to stabilize the food for 18 - 20 months.

To determine if there is enough preservation for good shelf life simply follow this calculation:  
Percentage of Fat x 2 to get parts per million which should be the same or more than the level of NATUROX.  
Sm Breed Dog 18% x 2 = 360ppm and this has 393ppm so it has a strong natural shelf life.

You can see the chemical preservative BHA, BHT, EQ and TBHQ are all LESS THAN the minimum limit of detection, which tells you (the customer) that this food has not been handled with chemical preservation in general.

\* This method is covered by our current A2LA ISO/IEC 17025:2005 accreditation.

Results presented in this report relate only to the sample(s) received. Results with a greater than symbol may have an approximate actual value in parenthesis.

Always consult Kemin Customer Laboratory Services before relying on these results in any other circumstance or change in material.

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