NEWS RELEASE **NOVEMBER 9 2017**

ALEX STEWART AGRICULTURE ACCREDITED BY UKAS TO ISO 17025 STANDARDS

Alex Stewart Agriculture is delighted to announce to the industry that its head office and principal laboratories in Liverpool, England, United Kingdom – Alex Stewart Agriculture - has been accredited by the United Kingdom Accreditation Service - UKAS - to ISO 17025 Standards for an extension to scope to cover new pet food matrices for ash, fats/oil, crude fibre and moisture content and also an extended matrix scope to food, fats, oils and pet food for fatty acid methyl esters.

ANIMAL FEED, DRY & WET PET FOODS		Documented in-house methods identified by method number
Chemical Tests		
Ash (Crude)		07L.1.011based on ISO 5984:2002
Fibre (Crude)		07L.1.007 based on ISO 6865:2001
Moisture and Volatile Matter		07L.1.002 based on ISO 6496:1999
Oils and Fats (Crude)		07L.1.004 based on Commission Regulation (EC) 152/2009
Food, feed, fats, oils, dry pet foods and wet pet foods	Fatty Acid Methyl Esters	07L.1.006 based on ISO 12966-2:2011

Read more about Alex Stewart Agriculture's Pet Food Testing Services here: - http://www.alexstewartagriculture.com/page.php?pID=86&ppID=60&pnID=66

Other methods which **Alex Stewart Agriculture** have been accredited to are as follows:

ANIMAL FEEDS		
Chemical Tests		
Calcium		07L.1.005 based on ISO 6869:2000
Chloride (Total)		07L.1.009 based on Pearsons Chemical Analysis of Foods using muffle oven and Titration
Magnesium		07L.1.005 based on ISO 6869:2000
Nitrogen		07L.1.003 based on ISO 5983-1:2005
Potassium		07L.1.010 based on ISO 7485:2000
Sodium		07L.1.010 based on ISO 7485:2000
Oilseed (Rapeseed) Oils	Moisture	07L.1.012 based on ISO 665:2000 07L.1.013 based on ISO 659:2009
Animal feed, dry pet foods and wet pet foods	Ash (crude)	07L.1.011 based on ISO 5984:2002
Fibre (Crude)		07L.1.007 based on ISO 6865:2001
Moisutre and Volatile Matter		07L.1.002 based on ISO 6496:1999
Oils and Fats (Crude)		07L1.004 based on Commission Regulation (EC) 152/2009
Animal feed, dry pet foods and wet pet foods, Food fats and oils	Fatty Acid Methyl Esters	07L.1.006 based on ISO 12966-2:2011 07l.1.003 based on ISO 5983-1:2005
Nitrogen/Crude protein		07L.1.23 based on Dumas method

Microbiological Tests	
Detection of:	
Salmonella spp	07M.1.001 based on BS EN ISO 6579:2002 + A1:2007 in accordance with the Animal By-Products Regulations (ABPR) 2011 with specific reference to Regulation (EC) 1069/2009 and 142/2011

Enumeration of: *Clostridium perfringens*		07M.1.003 based on BS EN ISO 7937:2004 in accordance with the Animal By-Products Regulations (ABPR) 2011 with specific reference to Regulation (EC) 1069/2009 and 142/2011
Enterobacteriaceae		07M.1.002 based on BS ISO 21528-2:2004 in accordance with the Animal By-Products Regulations (ABPR) 2011 with specific reference to Regulation (EC) 1069/2009 and 142/2011

ENVIRONMENTAL SAMPLES

Detection of: *Listeria* spp including Identificaiton of *Listeria monocytogenes*		07M.1.016 based on BS EN ISO 11290-1:1997
Salmonella spp		07M.1.004 based on BS EN ISO 6579:2002 + A1:2007
Enumeration of: Aerobic Colony Count		07M.1.007 based on BS EN ISO 4833-1:2013
Coliforms (presumptive)		07M.1.011 based on BS ISO 4832:2006 at 37 °C
E. coli (ßeta-glucuronidase-positive)		07M.1.010 based on BS ISO 16649-2:2001
Enterobacteriaceae (presumptive and confirmed)		07M.1.005 based on BS ISO 21528-2:2004
Faecal Streptococci (presumptive)		07M.1.018 based on BS 4285-3.11:1985
Listeria spp including Identificaiton of *Listeria monocytogenes*		07M.1.017 based on BS EN ISO 11290-2:1998
Coagulase positive staphylococci including Staphylococcus aureus		07M.1.012 based on BS EN ISO 6888-1:1999 and confirmation using Microgen latex

FOOD and FOOD PRODUCTS

Ash (excluding dairy products and oil seeds)	Fat (Total)	07L.1.016 based on BS 4401-1:1998 07L.1.017 based on BS 4401-4:1970
Foods containing <15% sugar excluding dairy products, oil seeds)	Moisture and Volatile Matter	07L.1.015 (method A) based on BS 4401-3:1997
Foods containing >15% sugar (excluding dairy products, oil seeds)	Moisture and Volatile Matter	07L.1.015 (method B) based on BS 4401-3:1997
Protein (Crude) (Calculated from Nitrogen)		07L.1.018 based on BS 4401-2:1980
Nitrogen/Crude protein 07L.1.23		07L.1.23 based on Dumas method
Other than matrices affected by above exclusions	Energy and Carbohydrate by Calculation	07L.1.019

Microbiological Tests

Detection of: *Listeria* spp including Identificaiton of *Listeria monocytogenes*	07M.1.016 based on BS EN ISO 11290-1:1997
Salmonella spp	07M.1.004 based on BS EN ISO 6579:2002 + A1:2007
Enumeration of: Aerobic Colony Count	07M.1.007 based on BS EN ISO 4833-1:2013
Bacillus cereus (presumptive)	07M.1.013 based on BS EN ISO 7932:2004

Clostridium perfringens		07M.1.006 based on based on BS EN ISO 7937:2004
Coliforms (presumptive)		07M.1.011 based on BS ISO 4832:2006 at 37 °C
E. coli (ßeta-glucuronidase-positive)		07M.1.010 based on BS ISO 16649-2:2001
Enterobacteriaceae (presumptive and confirmed)		07M.1.005 based on BS ISO 21528-2:2004
Faecal Streptococci (presumptive)		07M.1.018 based on BS 4285-3.11:1985
Listeria spp including Identificaiton of *Listeria monocytogenes*		07M.1.017 based on BS EN ISO 11290-2:1998
Coagulase positive staphylococci including Staphylococcus aureus		07M.1.012 based on BS EN ISO 6888-1:1999 and confirmation using Microgen latex
FOOD and FOOD PRODUCTS (aW >0.95)	Mould	07M.01.009 based on BS ISO 21527-1:2008
	Yeast	07M.01.009 based on BS ISO 21527-1:2008

Our experienced laboratory technicians and chemists are highly trained to carry out qualitative and quantitative feed and food testing and analysis by traditional and modern instrumentation and by following internationally recognized methods and procedures for animal feeds, environmental samples, pet food, food and food products. These include calcium, chloride, magnesium, nitrogen, potassium, sodium, protein, ash, fibre, moisture, salmonella, e-coli, listeria, mould and yeast. This is in order to ensure that our customers' contractual specifications are protected by providing fast and accurate results.

Other ISO-certified Alex Stewart International laboratories include AS International Corporation Ltd (UK), Alex Stewart International Argentina S.A., Alex Stewart Assayers del Peru, Alex Stewart International Chile, Alex Stewart Environmental Laboratory Services Norway, Alex Stewart Agriculture do Brasil, Alex Stewart Agriculture China, Alex Stewart International Dubai, Alex Stewart International Ukraine, Alex Stewart International India, Alex Stewart International Rwanda and Alex Stewart International Zambia.

Alex Stewart Agriculture Ltd is an ISO/IEC 17025: 2005 accredited company providing world class FOSFA, GAFTA and UKAS approved analysis to support its GAFTA, GTAS, and FOSFA approved inspection and sampling services. It is supported by the A. Norman Tate, Huson and Hardwick and Food Test Laboratories for the facilitation of the international trading of soft commodities including animal feed, oilseeds, oils & fats, biomass, grains and cereals, fertilizers, raw and refined sugar, water, and also food products.

Alex Stewart International and Alex Stewart Agriculture are fully committed to providing a world class reliable laboratory analysis service to all of our customers.

For more information about our Inspection and Analysis services, please take a look at our websites and company video listed below:

www.alexstewartagriculture.com
www.foodtestlab.co.uk
www.alexstewartinternational.com
Alex Stewart International Company Video

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Notes to Editors: *For more information about this article and for any further comments, you can contact Desmond McMillan by emailing des.mcmillan@alexstewartinternational.com by calling 0151 525 1488.*