



Minitüb GmbH

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Date:

Dear Valued Customers, Industry Colleagues, Veterinarians and Concerned Parties

During the last weeks and months, we have received many questions regarding manufacturing and QC conditions of boar semen extenders made by Minitube International. Therefore, I would like to address a few aspects of Minitube's extender manufacturing and quality assurance program.

Minitube produces all boar semen extenders in Germany in its own GMP (Good Manufacturing Practices) certified manufacturing plant under conditions verified for the production of pharmaceutical products. The fully automated manufacturing site is exclusively designed and used to produce boar semen extender.

Androhep Plus™, Androstar Plus™ and M III are produced based on the original formulae which have been developed by Minitube researchers in close cooperation with the lab of Prof. D. Waberski and Prof. K.F. Weitze from the Veterinary University of Hannover in Germany.

All extender components used by Minitube comply with pharmaceutical degree requirements and are supplied by certified manufacturers. The suppliers of the raw material for boar semen extenders are qualified according to the GMP and ISO 9001: 2008 quality assurance programs at Minitube. Continuity in the supply chain and extensive chemical and biological quality control tests for each and all batches of raw material guarantee the quality of our boar semen extenders. Therefore the high quality level of the extender components has not changed in many years.

All batches of Minitube extenders are submitted to an external, impartial quality check before release for sale. The quality control is



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HRB 4129 · Registergericht Landshut
Geschäftsführer: Dr. Christian Simmet

Banken:
Deutsche Bank Landshut
HypoVereinsbank Landshut
Oberbank Landshut

BLZ:
700 700 10
743 200 73
701 207 00

Konto:
87 27570
39 48439
1051 1001 52

IBAN:
DE82 7007 0010 0872 7570 00
DE51 7432 0073 0003 9484 39
DE74 7012 0700 1051 1001 52

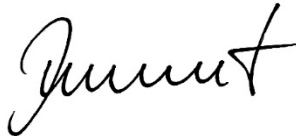
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OBKL DE MX

performed by the reference lab at the Veterinary University of Hannover in Germany (Prof. D. Waberski) with semen from several boars, applying CASA, triple stain flowcytometry and phase contrast microscopy, for morphology assessment, over a minimum of 6 days of semen storage.

Minitube International has its headquarters in Germany and operates in the United States and Canada through Reproduction Provisions, LLC.

The company Mofa Global, formerly Minitube of America, is not related to Minitube International and hasn't been since 2012. Both companies offer an extender under the name of Androhep Plus; however the sharing of formulae and components was ceased in 2012. Minitube International does not sell any boar semen extenders or components to Mofa Global nor do we purchase any such product from Mofa Global.

If you have any questions or would like more information regarding boar semen extenders from Minitube International, please feel free to contact John Quackenbush at johnq@reproductionprovisions.com or by phone 877-487-4872 O or 402-879-5388 M.



Dr. Christian Simmet
CEO



Manufacturing plant in Germany



Production of boar semen extender



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