



Zoetis MFA Product Manufacturing Information

Zoetis Pork MFA Products	Where is the product Active Prescriptive Ingredient (API) Sourced?	Where is the product manufactured /blended?	Where are the excipients (product carrier) sourced?	What are the excipient ingredients?	Bio Security at Manufacturing Sites
BMD [®] 50	U.S.	U.S.	U.S.	Calcium Carbonate & Mineral Oil	Fermentation Raw Materials (RM) are sterilized
Engain [®] 9	U.S./Europe	U.S.	U.S.	Corn Cob Grit & Soy Oil	API is organic synthesized
Lincomix [®] 20 & 50	China	China	China	Soybean Hulls & Mineral Oil	Soybean Hulls are high temperature heat treated (100°C+) kill pests and contaminants. Fermentation RMs are sterilized.
Aureomycin [®] 90 & 100 Granular	U.S./China	U.S.	U.S.	Calcium Sulfate & Mineral Oil	Fermentation RMs are sterilized
Aureomycin [®] 90 Meal	U.S./China	U.S.	U.S.	Rice Hulls & Mineral Oil	Fermentation RMs are sterilized
Aureomycin [®] 50 Granular	U.S./China	U.S.	U.S.	Calcium Carbonate & Mineral Oil	Fermentation RMs are sterilized
ChlorMax [®] 50	China	U.S.	U.S.	Rice Hulls & Mineral Oil	Fermentation RMs are sterilized
Aureomix [®] S 40/40 Granular	U.S.(CTC) & China (Sulfamethazine)	U.S.	U.S.	Calcium Sulfate	Fermentation RMs are sterilized.

Based on the American Feed Industry Association (AFIA) criteria, where do Zoetis MFAs stand in terms of a ASF risk assessment?

- Our APIs from China would be considered minor risk.
- Zoetis CTC products are deemed “low risk”.
- Lincomix 20 & 50, due to soybean hulls, is considered minor to moderate risk. We try to mitigate risk through heat treatment processes.