



**From:**

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**To:** [REDACTED]                      **Re:** Aureomycin® 220 G  
**Telephone:** [REDACTED]            **Case Id:** ON-022321-22635  
**Fax:** [REDACTED]                    **Date of Response:** Feb 23, 2021 10:21:04 AM  
**Email:** [REDACTED]

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**Case Information:**

**Date Submitted**                      Feb 23, 2021 9:44:01 AM  
**Species**                                Chickens/Broiler Breeder  
**Number of Animals**                22000  
**Location of Animals**  
**Reason for Use**                      Treatment  
**Additional Information** Please provide meat and egg withdrawal recommendations.

**Drugs Administered**

Drug Trade Name	Generics	Route	Dose	Diseases
Aureomycin® 220 G	• chlortetracycline	Oral - Feed	220 ppm (in feed) Continuously for 28 days	• <b>Alimentary:</b> colibacillosis

**Response and Recommendation:** *Meat: 8 days, Eggs: 2 days*

Chlortetracycline was approved for use in broiler chickens at doses up to 220 ppm with a 7 day meat withdrawal time. It was also approved for layer chickens at doses up to 110 ppm with no stated egg withdrawal time on the label implying that the egg withdrawal time was zero at these doses. Recent changes in legislation removed all growth promotion claims on feed additive drugs in Canada. These changes resulted in no “on label” claims for oxytetracycline or chlortetracycline in any class of chickens. With the old labelling, oxytetracycline and chlortetracycline were approved for layer hens with no egg withdrawal times based on maximum residue limits (MRLs) in eggs of 0.4 ppm. With the updated CMIB and drug labelling, any use of oxytetracycline or chlortetracycline in feed in chickens, including layer hens, is now extra label drug use (ELDU). In concurrence with the US codified regulations regarding ELDU, the CgFARAD™ has a policy of recommending a greatly extended withdrawal interval when drugs are used extra label in food producing animals. Therefore, CgFARAD™ will now recommend an 8 day meat withdrawal

interval and a 24 hour egg withdrawal interval for oxytetracycline or chlortetracycline administered at concentrations consistent with the old approved labelling. However, your proposed dose of chlortetracycline is 2 times the old approved dose for layer chickens. Additionally, the product labelling had a warning against using doses greater than 110 ppm in laying hen rations. Therefore, we recommend extending the withdrawal interval for eggs to at least 2 days.

Therefore, the Canadian gFARAD recommends a withdrawal interval of 8 days for meat and 2 days for eggs, which should be sufficient so that detectable residues are not found. Furthermore, this recommendation for residue avoidance does not address the risks of developing or transmitting antimicrobial resistance from treated animals to other animals or humans following the extralabel use of this antimicrobial. Because the Canadian gFARAD withdrawal recommendation is not an official withdrawal time and is based on data that has not been reviewed nor approved by the Veterinary Drugs Directorate or the Canadian Food Inspection Agency, responsibility for residue violations rests with the attending veterinarian.

To review this request in CgFARAD:

<https://farad.usask.ca/cgfarad/vet/viewRequest?id=22635&langen>