

Medication approved for use in Norwegian aquaculture for export to EU and USA

This document provides information on aquaculture medications with EU and USA import approval with Maximum Residue Levels (MRL). Accepted Import Tolerance Level (ITL) to USA are shown for some medications without FDA approval.

Click on text marked *light blue*, and original documents will appear.

Type of drugs	Used in Norway 2021 (kg)	Used in Norway 2022 (kg)	EU approved	EU MRL	US approved	US MRL Or ITL	Comments
Antibiotics							
Florfenicol	538	367	Yes	1 000 µg/kg	Yes	1000 µg/kg*	
Oxolinic acid	67	29	Yes	100 µg/kg	No	No	Chile used illegal drug
Oxytetracycline	0	0	Yes	100 µg/kg	Yes	2000 µg/kg*	EU: Doxycycline
Intestinal worms							
Praziquantel	38	59	Yes	No MRL	No data	No	
Fenbendazol	2	3	Yes	NO MRL for seafood	No data	No	
Anti-sea lice							
Azamethiphos	453	577	Yes	No MRL	No	20 µg/kg *	
Cypermethrin	0	0	Yes	50 µg/kg	No	50 µg/kg	
Deltamethrin	5	3	Yes	10 µg/kg	No	10 µg/kg	

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Diflubenzuron	240	519	Yes	1000 µg/kg	No	No	For US: fruits, not fish
Emamectin	101	79	Yes	100 µg/kg	No	No	For US: fruits, vegetables and meat not fish
Teflubenzuron	308	213	Yes	500 µg/kg	No	500 µg/kg*	
imidacloprid	3 252	5 900	Yes	No MRL	No	50 µg/kg	
Hydrogen-peroxid	4 060 000	3 004 000	Yes	No MRL	Yes	Exempted	Not approved for sea lice
Anti fungie							
Bronopol	490	1 050	Yes	No MRL	No	Exempted	Administrative Daily Intake
Formaldehyde	47 282	48 783	Yes	No MRL	No		
Sedatives							
Benzocaine	2 243	2 359	Yes	No MRL	No		FDA info
Isoeugenol	10 001	4 617	Yes	6000 µg/kg	No	No	FDA warning
Tricaine mesylate	5 440	5 447	Yes	No MRL	Yes	No need	Information on use

*Data obtained from [Foodchain regulatory limits](#)

Please contact the Norwegian Seafood Council Market Access Division if you have any questions or comments about this document.

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