



**BFD**

Food Safety Innovation

# Seafood Analysis



# Seafood Analysis

Description	Cat. No.	Assay Time	Specificity	Kit Size	Sample Types	Limit of Detection
AOZ FAST	BXEFB41A	45 Mins	2.NP.AOZ 100%	96T	Fish/Shrimp	0.06ppb
AMOX FAST	BXEFB42A	45 Mins	2.NP.AOZ 100%	96T	Fish/Shrimp	0.08ppb
AHD FAST	BXEFB43A	45 Mins	2.NP.AHD 100%	96T	Fish/Shrimp	0.08ppb
Chloramphenicol FAST	BXEFB03A	45 Mins	Chloramphenicol 100%; Chloramphenicol Glucuronide >100%	96T	Shrimp/Prawn	0.025ppb
Dimetridazole	BXEFB45A	55 Mins	Dimetridazole 100%; Metronidazole 28%	96T	Shrimp/Prawn	1.1ppb (Ultrasonic Bath) 2ppb (Rotator/roller)
Fluoroquinolones	BXEFB07A	45 Mins	Enrofloxacin 100%; Norfloxacin 100%; Ciprofloxacin 90%; Danofloxacin 65%; Marbofloxacin 65%; Difloxacin 26%; Sarafloxacin 20%; Danofloxacin 65%	96T	Seafood/Shrimp	1.0ppb
Multi-Sulfonamide (11 targets)	BXEFT08A	75 Mins	Sulfamethazine 100%; Sulfamethizole >100% Sulfaquinoxaline >100%; Sulfadiazine >100% Sulfamerazine >100%; Sulfamonomethoxine >100%; Sulfapyridazine >100% Sulfathiazole >100%; Sulfamethoxazole 92% Sulfisoxazole 55%; Sulfapyridine 34% Sulfadoxine 24%	96T	Muscle/Seafood	10ppb
Nifursol	BXEFB54A	45 Mins	2.NP.DNSH 100%	96T	Shrimp	0.25ppb
Oxytetracycline / Tetracycline	BXEFB46A	75 Mins	Tetracycline 100%; Oxytetracycline 99% Chlortetracycline 13%; Doxycycline 5%	96T	Shrimp/Prawn	4ppb
SEM FAST	BXEFB44A	45 Mins	2.NP.SEM 100%	96T	Fish/Shrimp	0.15ppb
Tylosin	BXEFT13A	50 Mins	Tylosin A 100%	96T	Seafood	10ppb

## Why Choose Biorex Food Diagnostics?

- High levels of technical support
- Can react to customers emerging needs quickly
- Smooth and rapid custom clearance of products
- High success rates in Government tenders
- All kits are validated in accordance to EU Directive 2002/657
- Manufactured in a UK based ISO accredited facility
- Excellent customer service
- Quick delivery time

## Key Benefits of Biorex Food Diagnostics Seafood Testing

- Fast assay time
- High precision & accuracy
- Low limits of detection
- Nitrofurans sample derivatisation incubation only 30 minutes
- Single sample preparation used for AOZ, AMOX, AHD, and SEM
- Liquid, ready to use reagents
- Excellent precision <10%
- Breakable well plates

## Currently in Development

### New "Flowsense" Rapid Lateral Flow Devices

- Qualitative and Quantitative reporting
- Single, dual and multi-target
- Targets to include: AHD, AMOX, AOZ, Chloramphenicol, Multi-Sulfonamides, Quinolones, SEM, Streptomycin, Tetracyclines

### Dedicated "Flowsense" Test Reader

- Enhanced sensitivity
- Data storage and connectivity capability
- Automated reading process
- Reduced subjectivity (data digitally captured)
- Compliance with regulatory standards

