



**BFD**

Food Safety Innovation

# SEAFOOD ANALYSIS

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## 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

## Seafood Analysis

Kit 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
AMAZ 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

# Key Benefits of BFD Seafood Analysis

- Fast assay time
- High precision & accuracy
- Low limits of detection
- Nitrofurans sample derivatisation incubation only 30 minutes
- Single sample preparation used for AOZ, AMOZ, 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, AMOZ, 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





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9A, The Technology Park, Antrim,  
United Kingdom, BT41 1QS



+44 (0)28 9448 7676



[sales@biorexfooddiagnostics.com](mailto:sales@biorexfooddiagnostics.com)



[biorexfooddiagnostics.com](http://biorexfooddiagnostics.com)



BR005BFDJUN24

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