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Ballast Water Test Laboratory Analysis

A vessel's ballast water can transport unwanted marine species and microorganisms into new environments, harming the native ecosystem, and contaminating and polluting fishing waters with sediment and stagnant waste.

Viswa Lab provides cost-effective solutions to help you protect the environment and be in compliance with IMO, EPA and USCG regulations. Each pipe of the BWTS (Ballast Water Treatment System) is required for testing with an own sample.

	Parameter	Technique / Method Ref.	LOR (mg/L) (or as indicated)
Ultra Violet	Heterotropic Plate Count (35°C, 48 hrs)	APHA9215B	1 cfu/ml
	E.Coli	APHA9222G	1 cfu/100ml
	Enterococcus	APHA9230C	1 cfu/100ml
Electro Chlorination	Heterotropic Plate Count (35°C, 48 hrs)	APHA9215B	1 cfu/ml
	E.Coli	APHA9222G	1 cfu/100ml
	Enterococcus	APHA9230C	1 cfu/100ml
	Chlorite	EPA 300.1	1 mg/L
	Chlorate	EPA 300.1	1 mg/L
	Total Chlorine	Hach 8167	0,02
	Bromate	EPA 300.1	1 mg/L
	TPH (C10 - C36)	EPA 8015D	200µg/L
	PAH	EPA 8270C	1 µg/L
	Bromoform	EPA 8260C	1 µg/L
	Total Trihalomethanes	EPA 8260C	2 µg/L
	Haloacetic acids	DIN 38407-35, CEN/TS 15968	5 µg/L
	Ozone	Residual Chlorine (TRO as C12)	W-ALPHA4500 CI B
Bromate		EPA 300.1	1 ml/L
Bromoform		EPA 8260C	1 µg/L
Total Trihalomethanes		EPA 8260C	2 µg/L
Haloacetic Acids		DIN 38407-35, CEN/TS 15968	5 µg/L
Heterotropic Plate Count (35°C, 48 hrs)		APHA9215B	1 cfu/ml
E.Coli		APHA9222G	1 cfu/100ml
Enterococcus	APHA9230C	1 cfu/100ml	
Peracetic Acid	pH	APHA4500H + B	0,1
	Peracetic Acid	Photometric Analysis (Pinkernell, 1997)	500 µg/L

Order No.: 1741