

# Analytical Report

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**Customer reference:** W5ZE 2001  
**Date of sample receipt:** 23 August 2024  
**Report issue date:** 29 August 2024

**Sample Type:**  
Fish

**Customer Reference:**  
Aughrim River 28/08/2024

Signed:

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## Report Details:

### Method Summary:

FSG 461: Totals method (Batch CFI)

Aliquots of homogenised test sample were digested in a mixture of nitric acid and hydrochloric acid using a high-pressure microwave system. Quantification was by inductively coupled plasma-mass spectrometry (ICP-MS) with collision cell. Quality checks included blanks, spikes, and certified reference materials.

### Report Summary:

All data are corrected for reagent blank and spike recovery. The Reporting Limit was calculated from 10 x standard deviation of reagent blank values adjusted for dilution and sample weight. Reference material data were satisfactory.

< denotes result is less than the Reporting Limit

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## Sample Details:

**FERA Reference:** S24-055502      **Sample received on:** 23 Aug 2024

**Sample Type:** Fish

**Customer Reference:** Aughrim River 28/08/2024

**Additional Information:** Salmo Trutta (Sea Trout) from the Aughrim River

## Analytical results:

	<u>Result</u>	<u>Recovery</u> %	<u>Batch</u> Code	<u>Reporting</u> Limit
Copper	0.46 mg/kg	98	CFI	0.05 mg/kg