

Test Report

Sample Name SFTY-2504-001

Product Form Oil

Physical Characteristics Viscous liquid

Sample Received Date April 21, 2025



Procedure

Determination of Heavy Metals by ICP-MS

1. Accurately weigh 1.00 g of sample into a digestion vessel. Add 4 mL of 65 % (w/w) HNO_3 and 1 mL of 30 % (w/w) H_2O_2 , swirling gently to mix.
2. Heat the mixture at 105 °C for 2 h to complete mineralisation. Allow to cool, then dilute to a final volume of 25 mL
3. Filter the digest and introduce the clear filtrate into the ICP-MS. Quantify metals against multielement calibration standards and report results as mg/kg

Results and Conclusion

Cadmium, lead, arsenic and mercury were not detected in sample SFTY-2504-001 at the specified limits of detection.

Table 1 SFTY-2504-001

Analyte	Result (mg/kg)	LOD	LOQ
Cadmium (Cd)	Not detected	0.002	-
Lead (Pb)	Not detected	0.002	-
Arsenic (As)	Not detected	0.002	-
Mercury (Hg)	Not detected	0.002	-

Remark

This test report is only applicable to the samples tested in the laboratory.

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