

GLI Method Summary

Sodium Peroxide Fusion

Governing SOP: G-56F Rev 8 **Analyte:** Various **Range:** ppm - %

Procedure	Samples are fused with sodium peroxide over a Bunsen burner. The fused sample is then dissolved in water. The resulting solution is acidified. The sample is then ready for analysis.
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References

R. Bock, *Decomposition Methods in Analytical Chemistry*, T. & A. Constable Ltd., Edinburgh 1979.

ASTM C-791, *Chemical, Mass Spectrometric, and Spectrochemical Analysis of Nuclear-Grade Boron Carbide*.