



Method Summary

Determination of Phosphate (bicarbonate extractable)

Scope and Range

This method is applicable to soils.

Principle

Phosphate is extracted using sodium bicarbonate and is determined colorimetrically post extraction.

The final result can be expressed as an extractable percentage on the original dry weight of the sample or as mg/l of dry soil

This method is compliant with the following two standard methods.

1. The Analysis of Agricultural Materials, MAFF, Third Edition 1986.
2. Specification for topsoil and requirements for use BS 3882:2015.

Interferences

If the extracted samples are highly coloured this may cause interferences, and it may be necessary to dilute samples to reduce the effect.