

ISO 18400-105:2017-01 (E)

Soil quality - Sampling - Part 105: Packaging, transport, storage and preservation of samples

Contents	Page
Foreword	iv
Introduction	v
1 Scope	1
2 Normative references	1
3 Terms and definitions	1
4 Incorporation in the sampling plan	2
5 Preparing samples for consignment	2
5.1 General	2
5.2 Containers	2
5.3 Labels	4
5.4 Preservation of samples	4
5.5 Filling containers and preparing samples and containers for consignment and transport	4
5.6 Sealing and consignment	5
5.7 Preservation of samples	5
6 Preservation prior to transport	5
6.1 General requirements	5
6.2 Cooling and freezing	7
6.3 Airtight storage	7
6.4 Nitrogen atmosphere	7
6.5 Hazardous materials	8
7 Transport	8
7.1 General requirements	8
7.2 Special transportation requirements	8
7.2.1 Dry soils	8
7.2.2 Samples for biological testing	8
7.2.3 Samples for DNA or RNA analysis	8
7.2.4 Drill cores	8
7.2.5 Cut soil cylinders	8
7.2.6 Large volumes of soil	8
8 Delivery	9
Bibliography	10