DIN EN 1482-3:2025-02 (E)

Fertilizers, liming materials and inhibitors - Sampling and sample preparation - Part 3: Sampling of static heaps

Contents

Page

European foreword 3

Introduction 4

1 Scope 5

2 Normative references 5

3 Terms and definitions 6

4 Sampling plans and quantitative data 6
4.1 General 6
4.2 Characterization of the batch to be sampled 6
4.3 Sampling plan 7
4.3.1 General 7
4.3.2 Elements of the sampling plan 7
4.4 Determination of the volume/mass of the batch 8
4.5 Determination of sampling units and sampling points 9
4.5.1 Determination of the number and location of the sampling units 9
4.5.2 Minimum total number of sampling units 9
4.5.3 Determination of sampling units from which incremental samples shall be taken 9
4.5.4 Determination of the minimum number of sampling points from which samples are to be taken 9
4.6 Quantitative data 9
4.6.1 Determination of the minimum mass of incremental samples 9
4.6.2 Mass of incremental samples 9
4.6.3 Combined/reduced and final samples 10

5 Incremental sampling methods 10
5.1 General 10
5.2 Sampling apparatus 10
5.3 Procedure 12
5.4 Combined and reduced samples 13

6 Final samples 13
6.1 Division into final samples 13
6.2 Practical arrangements for final (laboratory) samples 13
6.2.1 Final sample packaging materials 13
6.2.2 Dealing with final samples 13

7 Sampling report 13

Annex A (informative) Determination of mass/volume of a static heap 14

A.1 Volume of a conical heap without edgewise limitation 14
A.2 Volume of a storage box, partly filled (rectangular base, three flanks closed) 15
A.3 Determination of the mass 15

Annex B (informative) Alternative method according to GOST 16

Bibliography 17