

ALDOT-283-82
METHOD OF TEST FOR SIEVE ANALYSIS OF AGRICULTURAL LIMESTONE

1. Scope

1.1. This test is used to determine the size gradation of crushed limestone or marl.

2. Equipment

2.1. Sieve No. 10 (2.00 mm) mesh

2.2. Sieve No. 60 (250 μ m) mesh

3. Procedure

3.1. Reduce sample size to approximately 300g by rifling or quartering per AASHTO T-248.

3.2. Dry to constant weight in an oven at 230°F(110°C).

3.3. Weigh out 150g of sample and place in No.10 (2.00 mm) mesh sieve. Sieve sample through No. 10 (2.00 mm) mesh and No. 60 (250 μ m) mesh sieves by lateral motions.

3.4. Weigh portion of material retained on each sieve and calculate % of total weight of sample.

3.5. Report as passing percent on each sieve.