

D.III.i.2.1

Analysis of grain-size distribution

Introduction/ Object: Theoretical and practical acquiring of grain-size distribution is the aim of practice.

Performing the practice:

1. Measure 100.0 g of the sample.
2. Sieve the sample through the given sieves using a vibrating desk. (5 minutes).

Assessment:

Illustrate the quantity of oversize and undersize as a percentage of total.

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	Practice number: D.III.i.2.1
Task: <u>Grain-size distribution</u>	
Group:	Responsible for worksheet :
Practice supervisor :	Date:

Aim of practice

Purity and quality of tools:

<i>Tools</i>	<i>Qualification</i>		<i>Controller's signature</i>
	<i>Appropriate</i>	<i>Inappropriate</i>	
screen set			
centigram-quick balance or digital balance			
plastic cards			

Measuring:

<i>Substance</i>	<i>Measurand [g]</i>	<i>Measured [g]</i>	<i>Who measured</i>	<i>Checked by</i>
	100.0			

Measuring:

<i>Sieve size (screen size) mm</i>	<i>quantity of oversize (g)</i>	<i>quantity of undersize (g)</i>

Assessment:

Illustrate the quantity of oversize and undersize as a percentage of total.