

# QUALITY WORK INSTRUCTIONS (QWI) SULFUR ANALYSIS PROCEDURE FINENESS - WET SCREEN

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## 1.0 EQUIPMENT NEEDED

Clean dry sieve  
Liquid dishwashing soap  
Acetone  
Oven  
Brush

## 2.0 PROCEDURE

- (1) Place 10 grams of sulfur on a clean dry sieve.
- (2) Add a small amount of liquid dishwashing soap to sulfur in sieve.
- (3) Under a gentle stream of water, use a brush to stir soap, product, and water together until rinse water runs clear. Use brush to work through lumps. Use care to not push product through screen by using too much pressure.
- (4) Rinse with acetone to remove water.
- (5) Place in 80°C oven to dry for 15 minutes.
- (6) Remove from oven and use the formula below to calculate % of sulfur passing through sieve.

$$\% \text{ through sieve} = 100\% - \frac{\text{Weight of residue} \times 100}{10\text{-gram original sample weight}}$$