Rice Fact Sheet

What is seed lot purity?
Seed lot purity is a measure of the impurities in a seed batch. These include
• weed and other crop seed, and
• inert matter

How is seed lot purity measured?
1. Select at random a sample of the seed. A good sample size is 100g.
2. Weigh the sample (A).
3. Remove all of the weed and other crop seeds and the inert matter.
4. Weigh the weed and the other crop seed matter that had been removed (B)

$$\text{Weed (\%)} = \frac{\text{Weight of the weed (B)}}{\text{Total weight of the sample (A)}} < 100$$

5. Compute the weed percentage using this equation:
6. Weigh the inert matter removed from the sample [C], the percentage inert   matter is calculated using the formula:

$$\text{Inert matter (\%)} = \frac{\text{Weight of inert matter [CI] x 10Q}}{\text{Total weight of the sample [A]}}$$

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