



### REVIEWER'S REPORT

Manuscript No.: IJAR-57780

**Title:** Evaluation of Moisture Content Consistency Using Standard Loss- on-Drying Methods.

**Recommendation:**

- Accept as it is .....
- Accept after minor revision.....**
- Accept after major revision .....
- Do not accept (*Reasons below*) .....

Rating	Excel.	Good	Fair	Poor
Originality		Good		
Techn. Quality	Excellent			
Clarity	Excellent			
Significance	Excellent			

Reviewer's ID: Dr. Sumathi

### *Detailed Reviewer's Report*

- 1. Moisture content is the quantity of water contained in a material (like soil, food, wood, or air), usually expressed as a percentage of the material's total mass or weight. It is a critical factor dictating the strength, shelf life, and usability of the substance.**
- 2. The oven-drying method is a thermogravimetric technique used to determine the exact moisture or liquid content of a substance (such as food, soil, or aggregates) by evaporating water through controlled heating and calculating the mass lost.**
- 3. The oven-drying method is a standard laboratory and food preparation technique used to determine the exact moisture content of a material or to dehydrate foods. It works by heating a sample at a specific, controlled temperature until all the water evaporates. The difference in mass before and after drying reveals the water weight.**
- 4. A moisture balance (or moisture analyzer) is a laboratory instrument used to determine the exact moisture content of a substance. It works using the "loss on drying" method by measuring a sample's initial weight, heating it with a halogen or infrared lamp, and calculating the moisture percentage from the weight lost after evaporation.**

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- 5. A moisture balance (also called a moisture analyzer) is a laboratory instrument used to determine the exact liquid or water content in a substance. It determines this by continuously weighing a sample while heating it to evaporate the moisture.**
- 6. The term "agreement analysis" typically refers to one of two distinct processes: Statistical Agreement Analysis (evaluating consistency in subjective evaluations) or Contract/Legal Agreement Analysis (reviewing and managing business contracts)**
- 7. Uncertainty in measurement is the quantification of doubt that exists about any measurement result. It acknowledges that no measurement is perfectly exact. Because small variations occur in instruments, environments, or operator techniques, uncertainty provides a range of values where the true value likely lies, usually paired with a statistical confidence level.**
- 8. Key words are good.**
- 9. Result part is awesome with tables and pictures.**
- 10. Summary points can be included.**
- 11. References should be with alphabetical order.**
- 12. After a small changes good to publish in your journal.**