

### 3.0 RESULT

#### 3.1 Ash Content Analysis of Organic and Non-Organic Bananas:

The ash content was determined for both organic and non-organic banana samples using the formula:

$$\text{Ash Content (\%)} = (\text{Weight of Ash} / \text{Initial Sample Weight}) \times 100$$

##### Organic Banana Sample

Initial Sample Weight = 27.57 g

Weight of Ash = 0.054 g

*The ash content for the organic banana sample is 0.196%.*

##### Non-Organic Banana Sample

Initial Sample Weight = 28.08 g

Weight of Ash = 0.045 g

*The ash content for the non-organic banana sample is 0.160%.*

**Table 3: Ash Content Analysis of Organic and Non-Organic Bananas**

Banana Sample	Initial Sample Weight (g)	Weight of Ash (g)	Ash Content (%)
Organic Banana	27.57	0.054	0.196%
Non-Organic Banana	28.08	0.045	0.160%