Let $\mathbb{F}$ be an algebraically closed field of characteristic $p$, which is a prime and $\mathbb{C}$ denotes the field of complex numbers. Given a finite group $G$, let $T(G)$ denote the Grothendieck group of the isomorphism classes of trivial source $\mathbb{F}G$-modules and $\mathbb{T} := \mathbb{C} \otimes T$ be the biset functor of trivial source modules over $\mathbb{F}$. In this talk, we will discuss the classification of the simple composition factors of the biset functor $\mathbb{T}$ and the methods used, which require looking at the fibered biset functor structure of $\mathbb{T}$. This is a joint work with Robert Boltje and Olcay Coşkun. (Received September 03, 2019)