

Table 7 Morphological characteristics and suspected fungi organism isolated on packaged snack after storage

S/N	Growth Rate	Diameter of Colony after 7-14 days	Initial Colour	Hyphae	Conidiophore	Suspected Organism
1	fast growing	2-20 mm in 7 days	grey or light olive grey to brownish grey	upright phialide	forming clusters branched from phialide	<i>Mucor plumbeus</i>
2	fast growing	2-20 mm in 7 days	whitish becoming greyish brown	upright phialide	clusters branched from phialide	<i>Rhizopus stolonifer</i>
3	fast growing	6-20 mm in 7 days	white to deep blackish green	upright phialide	forming clusters branched from phialide	<i>Alternaria tenuissima</i>
4	fast growing	2-20 mm in 7 days	white to brown then black	upright phialide	forming clusters branched from phialide	<i>Aspergillus niger</i>
5	fast growing	2-20 mm in 7 days	white to yellowish tarnishing into pink	upright phialide	cylindrical or spherical with a size of 4-6 ² mm in diameter	<i>Fusarium solani</i>
6	slow growing	2-5 mm in 7 days	yellow green to pale blue green	upright phialide	clusters branched out from phialide	<i>Penicillium chrisogenum</i>
7	fast growing	7-20 mm in 7 days	white to dark green	upright phialide	clusters branched out from phialide	<i>Trichoderma longibrachiatum</i>
8	slow growing	2-5 mm in 7 days	white to cream to yellow	no hyphae, growth form is smooth	blastophores are oval to squat to cylindrical	Yeast <i>Candida sake</i>
9	moderate	7 cm in 7 days	bluish green	upright phialide	branched out from the end of phialide	<i>Aspergillus fumigatus</i>
10	moderate	7 cm in 7 days	white to pink	short broadly ending non-proliferating phialides	conidiophore richly branched but not in spirodochia usually one called macro-conidia	<i>Fusarium verticillioides</i>
11	fast growing	8 cm in 7 days	white to yellow later dark grey	upright phialide	branched out branched out	<i>Mucor hiemalis</i>
12	moderate	4 cm in 7 days	creamy	pseudohypha formed	ovoid shape produced laterally mycelium	yeast
13	moderate	7 cm in 7 days	orange	upright phialide	branched out from the end of phialide	<i>Aspergillus flavus</i>