

**RESEARCH ARTICLE :**

## Waste in to best: utilisation of paneer whey for herbal whey based beverage

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**SUMMARY :** The herbal whey based beverage obtained was subjected for organoleptic evaluation for its four different treatment combinations viz., T-1(80% whey with 20% beetrootextract), T-2 (80% whey with 20% beetroot extract and 2% mentha extract), T-3 (80% whey with 20% beetroot extract and 4% mentha extract) T-4(80% whey with 20% beetroot extract and 6% mentha extract). In all treatments sugar was fixed at 7 per cent in 100 ml of beverage. The different organoleptic characteristics viz., colour and appearance, flavour, taste, consistency and overall acceptability were recorded of fresh beverage. Among all treatments, it was observed that treatment T-4 was significantly superior over other treatments which had the highest overall mean score viz., 8.51 and colour, flavor, taste and consistency were observed 8.00, 8.60, 8.45 and 8.60, respectively. The other three treatments were also acceptable secured more than 8 score in terms of sensory attributes such as, colour and appearance, flavour, consistency and taste/ mouth feel using 9 point hedonic scale by a panel of five semi-expert judges. The *paneer* whey can utilize to develop the acceptable and functional herbal whey beverage.

**KEY WORDS:**

*Paneer* whey, Herbal whey beverage, *Mentha* extract, Beetroot extract, Organoleptic evaluation

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