**HASIL PENELITIAN**

MINUMAN FUNGSIONAL MILKSHAKE DAUN UBI JALAR UNGU, KEDELAI DAN ANGKAK (SOY SWEET) SEBAGAI DIET DISLIPIDEMIA

1. **Uji Hedonik (16 Panelis Semi Terlatih)**
2. Uji Warna

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  | Sangat Tidak Menerima | Tidak Menerima | Agak Tidak Menerima | Netral | Agak Menerima | Menerima | Sangat Menerima |
| Formula 1 |  | 1 (6.25%) | 4 (25%) | 1 (6.25%) | 7 (43.75%) | 3 (18,75%) |  |
| Formula 2 |  | 4 (25%) | 9 (56.25%) |  | 3 (18.75%) |  |  |
| Produk Lain |  |  |  | 1 (6.25%) | 3 (18.75%) | 8 (50%) | 4 (25%) |

1. Uji Aroma

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  | Sangat Tidak Menerima | Tidak Menerima | Agak Tidak Menerima | Netral | Agak Menerima | Menerima | Sangat Menerima |
| Formula 1 |  | 1 (6.25%) | 1 (6.25%) | 1 (6.25%) | 3 (18.75%) | 7 (43.75%) | 3 (18.75%) |
| Formula 2 | 2 (12.5%) | 5 (31.25%) | 5 (31.25%) | 4 (25%) |  |  |  |
| Produk Lain |  |  |  | 1 (6.25%) | 2 (12.5%) | 9 (56.25%) | 4 (25%) |

1. Uji Rasa

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  | Sangat Tidak Menerima | Tidak Menerima | Agak Tidak Menerima | Netral | Agak Menerima | Menerima | Sangat Menerima |
| Formula 1 |  |  |  | 3 (18.75%) | 4 (25%) | 9 (56.25%) |  |
| Formula 2 | 3 (18.75%) | 7 (43.75%) | 4 (25%) | 2 (12.5%) |  |  |  |
| Produk Lain |  |  |  | 2 (12.5%) | 4 (25%) | 10 (62.5%) |  |

1. **Analisis Proksimat (Formula 1)**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Kadar air (%b/b) | Kadar Abu (%b/b) | Kadar Protein (%) | Kadar Lemak(%) | Kadar Karbohidrat (%) | Mineral (mg/kg) | | |
| Ca | Fe | K |
| 3,9383 | 3,3646 | 14,298 | 15,6615 | 62,7375 | 3064.23 | 40.19 | 149.79 |

1. **Uji Antioksidan DPPH**

|  |  |
| --- | --- |
| Parameter | Hasil |
| Senyawa Fenol | 120,45 mg/Kg |
| Aktifitas antioksidan (IC50) | 19,93 mg/ml |

1. **Uji Cemaran Mikroba Angka Lempeng Total**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Pengenceran | Cawan 1 | Cawan 2 | Rata-rata | Hasil |
| 101 | 22 | 5 | 13.5 | 13.5 x 101 |
| 103 | 5 | 0 | 2.5 | 2.5 x 103 |
| 104 | 0 | 0 | <1x102 | 1 x 102 |
| 21 + 250 + 10 x 101 = 281 x 101 | | | | |