



INTISARI

Susu bubuk SGM disimpan selama 12, 18, 24, 30 dan 36 bulan untuk mengetahui pengaruh lama penyimpanan terhadap kadar air, nilai formol, wettability, dispersibility, solubility index, angka peroksida, angka TBA, angka karbonil dan tingkat kesenangannya.

Perubahan kadar air, dispersibility dan solubility index tidak terpengaruh secara nyata terhadap lama penyimpanan.

Sampai umur simpan 30 bulan, wettability berkurang dan angka peroksida bertambah dengan pertambahan lama penyimpanan.

Angka TBA, angka karbonil dan nilai formol bertambah dengan pertambahan lama penyimpanan.

Penyimpanan selama 36 bulan memberikan bau dan warna yang masih bisa diterima oleh konsumen.



PERUBAHAN SIFAT SUSU BUBUK SGM SELAMA PENYIMPANAN

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ABSTRACT

The SGM milk powder was stored for 12, 18, 24, 30 and 36 months to determine the effect of storage time on the moisture content, formol value, wettability, dispersibility, solubility index, peroxide value, TBA value, carbonyl value and preference of the stored product.

The changes of the moisture content, dispersibility and solubility index were not significantly affected by the storage time.

The formol value, TBA value and carbonyl value increased as the storage time was prolonged.

Until the 30th months storage, the wettability decreased and the peroxide value increased as the storage time was prolonged.

The smell and colour was still acceptable by the consumers, although the milk powder was kept for 36 months.