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LAMPIRAN 1

Lemak Babi



Gambar V.1 Lemak babi sebelum diekstraksi

LAMPIRAN 2

Sampel Sediaan Lipstik



Gambar V.2 Sediaan Lipstik dengan penambahan lemak babi

LAMPIRAN 2**(LANJUTAN)****Sampel Sediaan Lipstik**

Gambar V.3 Sediaan Lipstik dengan penambahan Lanolin

LAMPIRAN 3

Spectrofotometer Inframerah



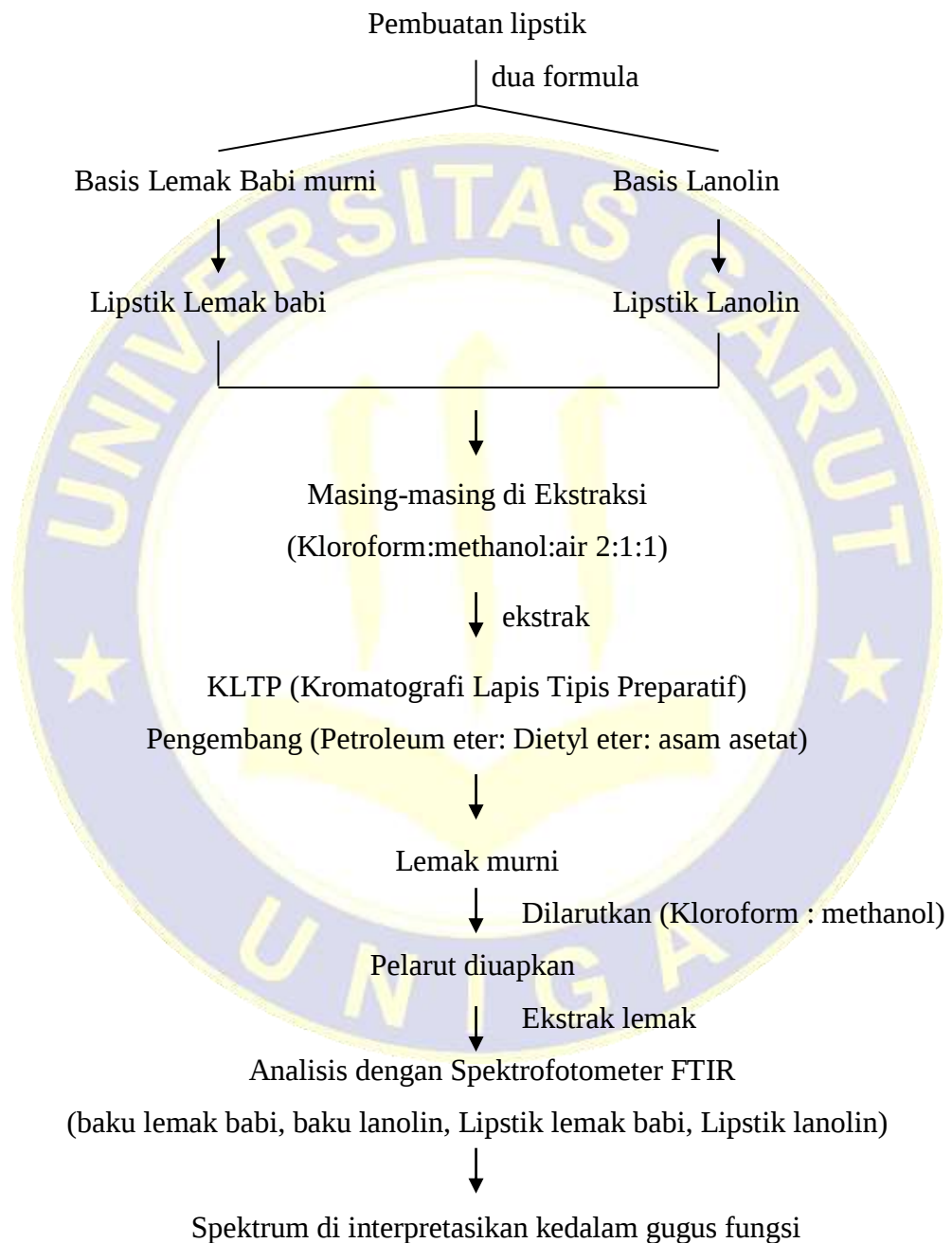
Gambar V.4

Spektrofotometer Inframerah FTIR-8400 *Fourier Transform Infrared*

Spectrofotometer SHIMADZU

LAMPIRAN 4

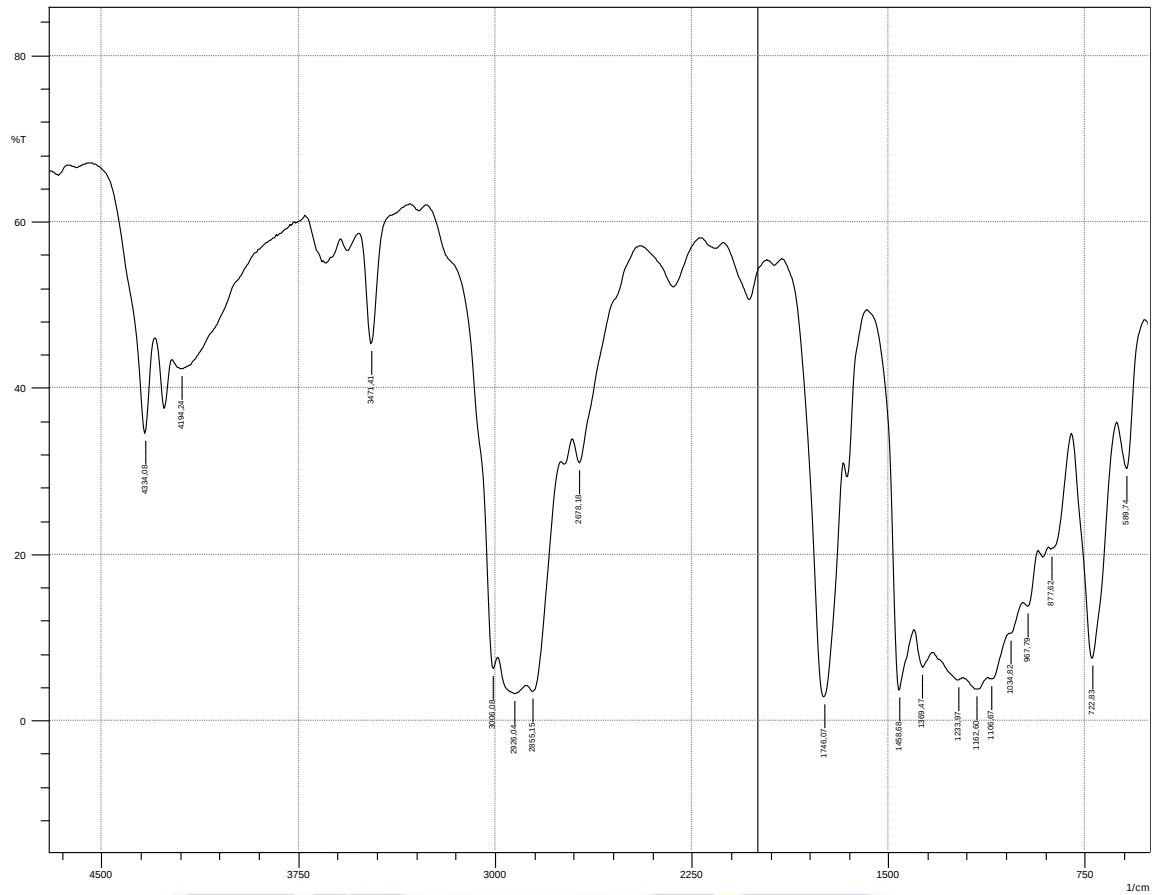
Analisis Lemak Babi dan Lanolin dalam Sediaan Lipstik



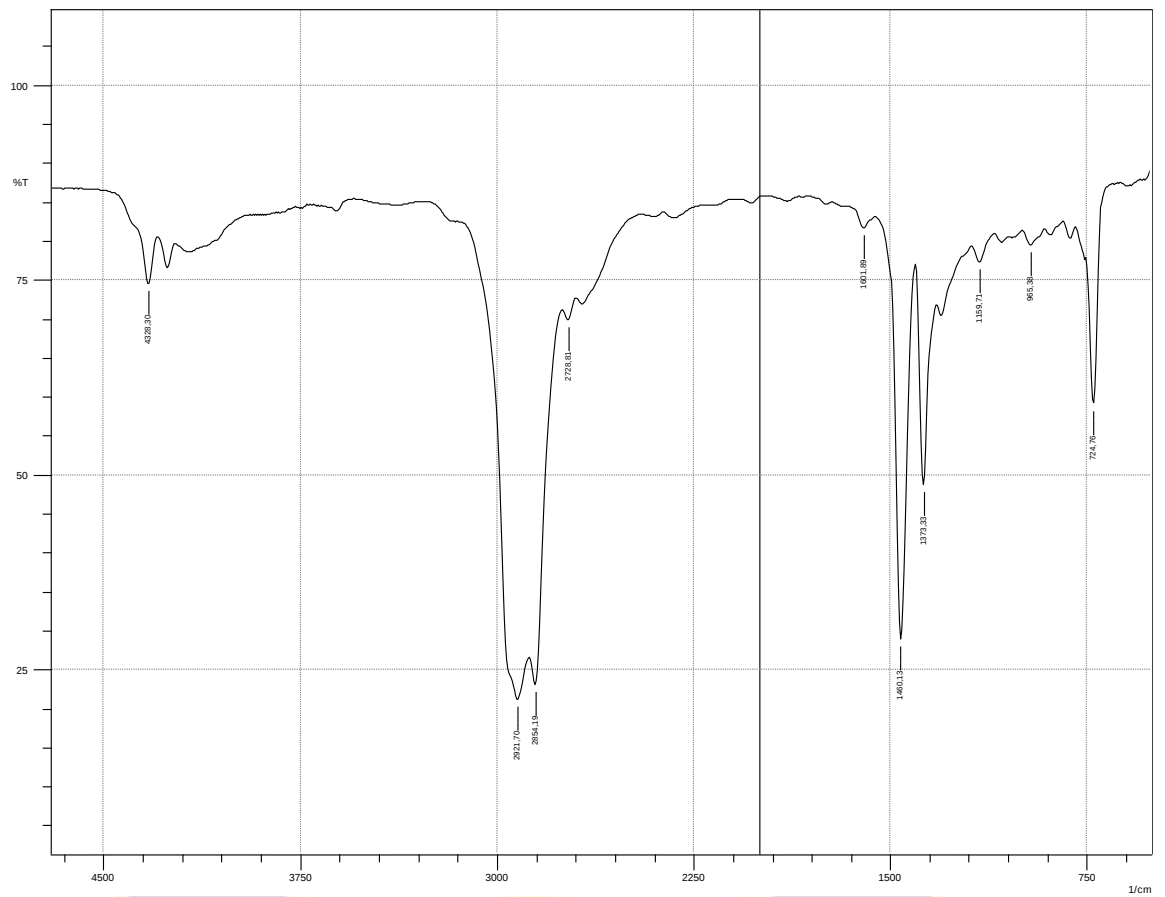
Gambar V.5 Alur analisis lemak babi dan lanolin dalam sediaan lipstik

LAMPIRAN 5

Spektrum Baku Lemak Babi



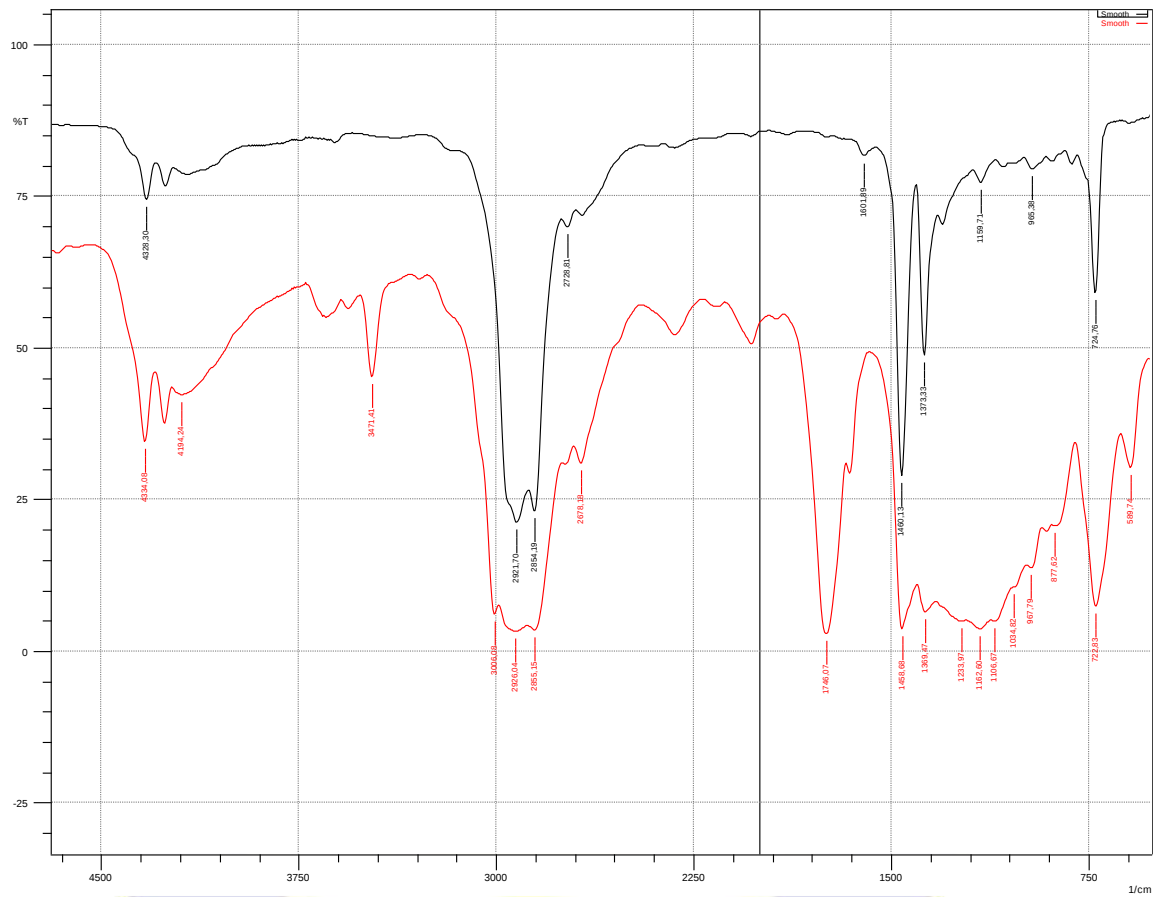
Gambar V.6 Spektrum Baku Lemak Babi

LAMPIRAN 6**Spektrum Baku Lanolin**

Gambar V.7 Spektrum Baku Lanolin

LAMPIRAN 7

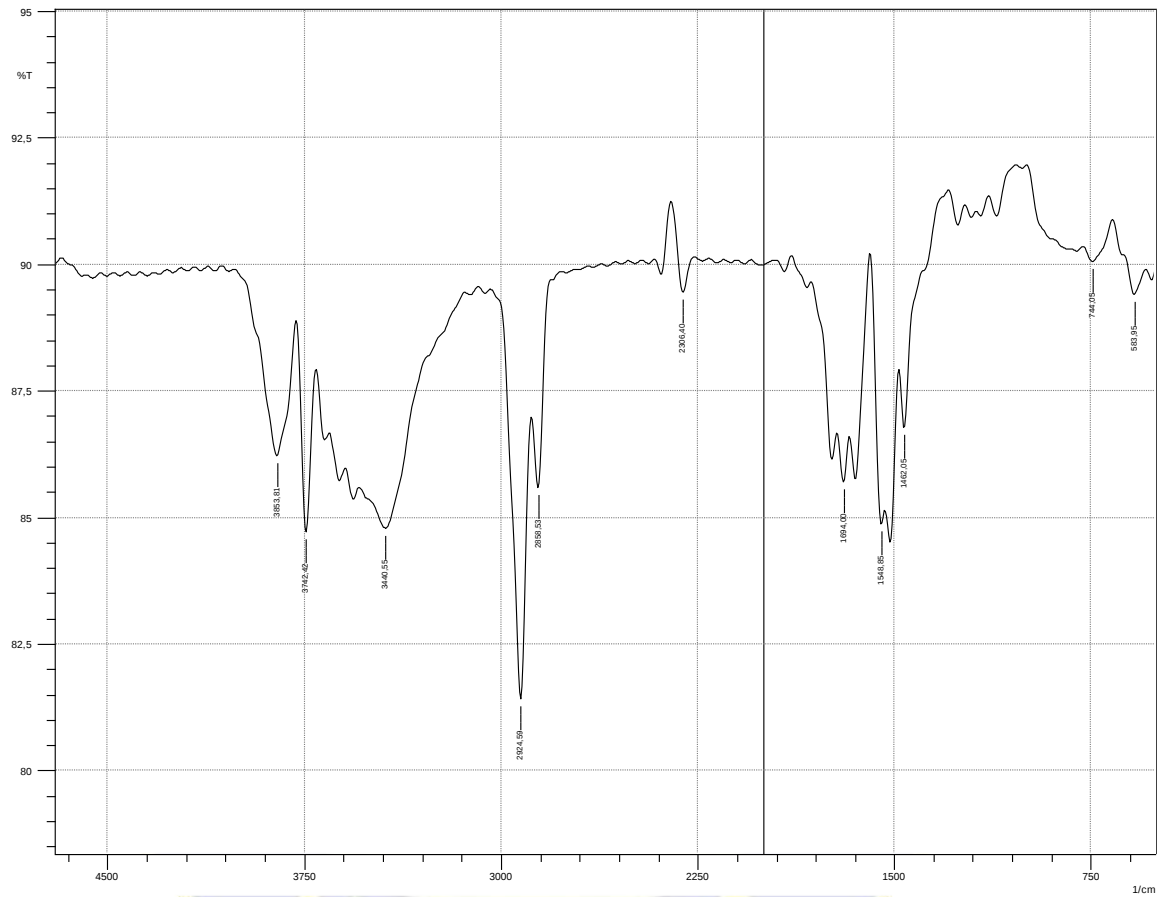
Spektrum Baku Lemak Babi dan Baku Lanolin



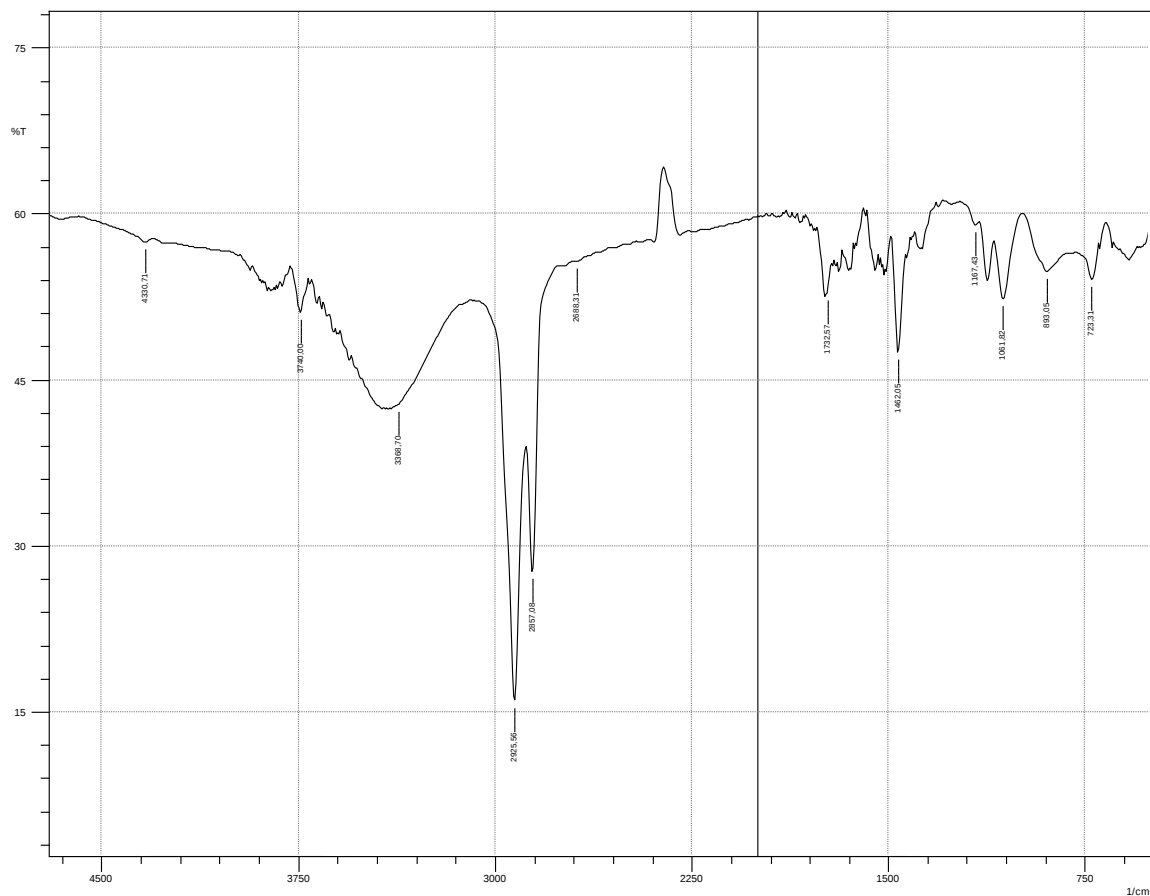
Gambar V.8

Spektrum Baku Lemak Babi

Spektrum Baku Lanolin

LAMPIRAN 8**Spektrum Lipstik Lemak Babi**

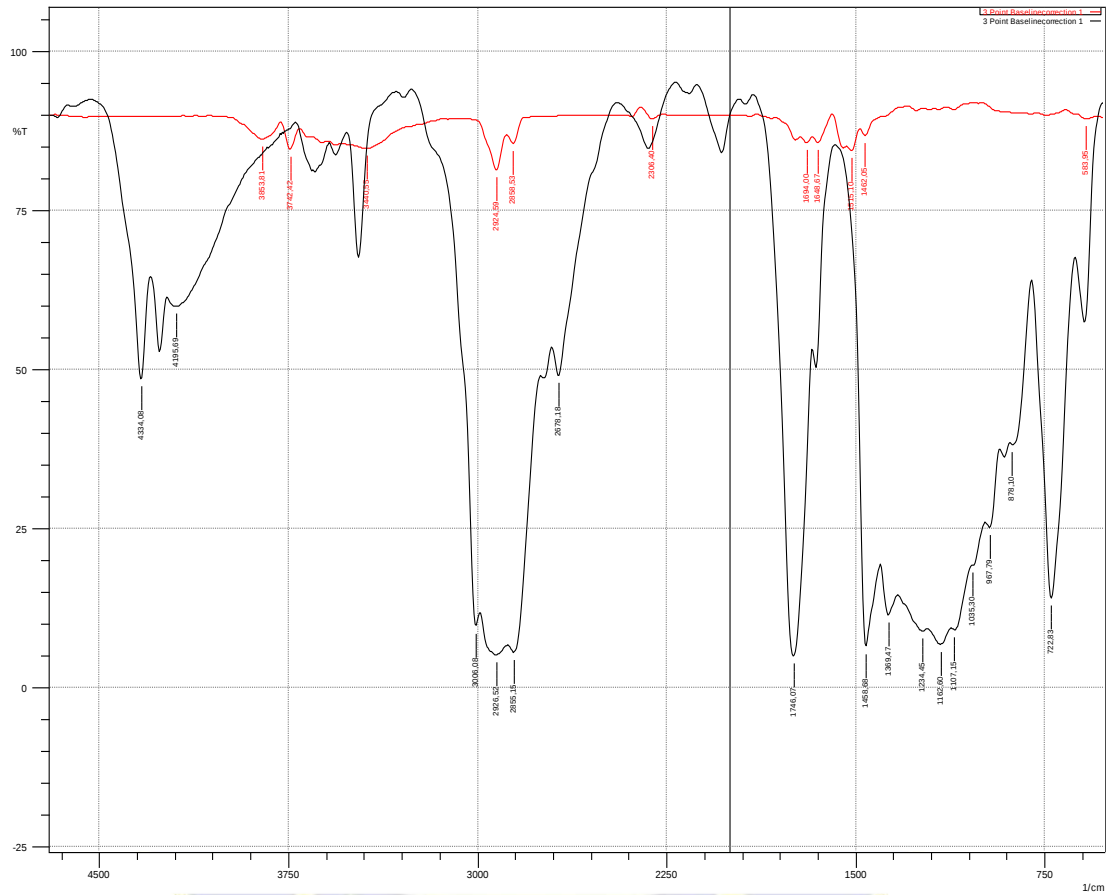
Gambar V.9 Spektrum Lipstik Lemak Babi

LAMPIRAN 9**Spektrum Lipstik Lanolin**

Gambar V.10 Spektrum Lipstik Lanolin

LAMPIRAN 10

Spektrum Baku Lemak Babi dan Lipstik Lanolin



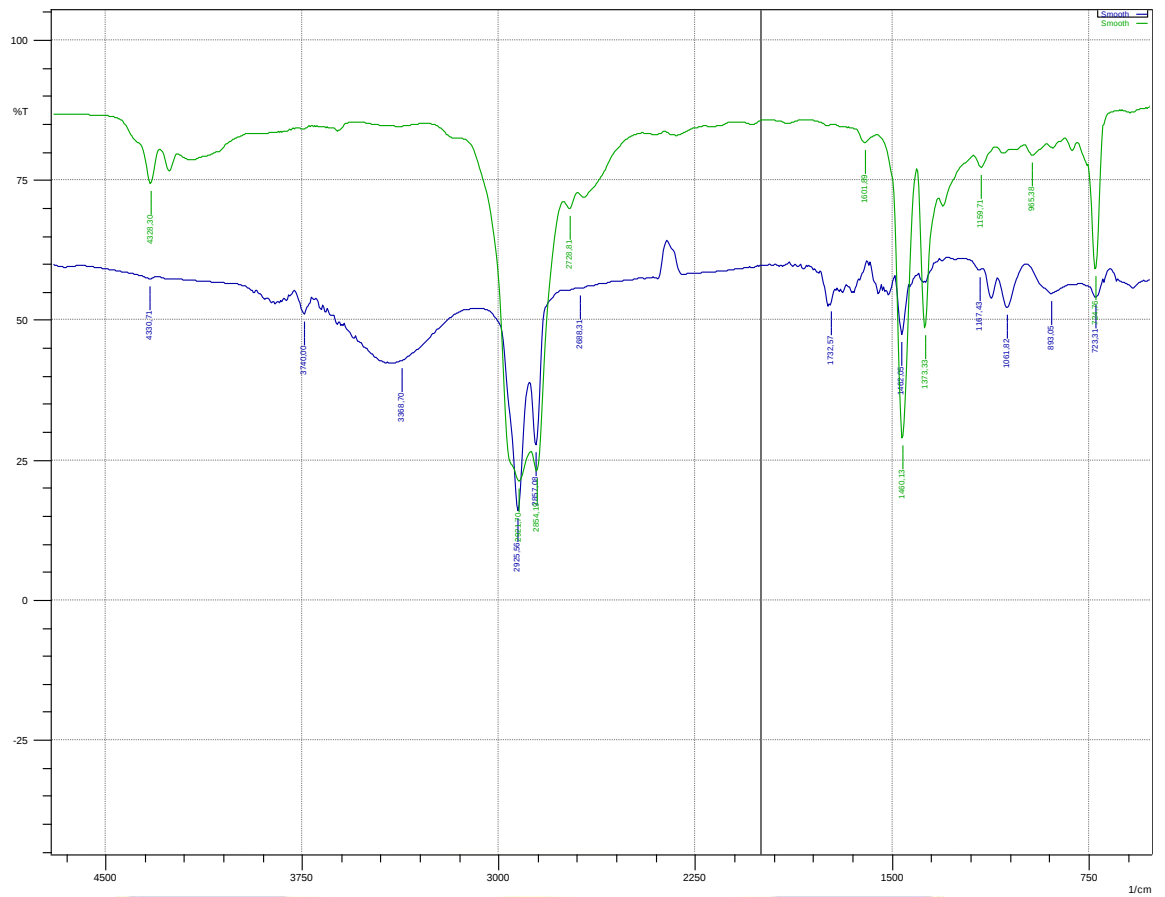
Gambar V.11

Spektrum Baku Lemak babi

Spektrum Lipstik lemak babi

LAMPIRAN 11

Spektrum Baku Lanolin dan Lipstik Lanolin



Gambar V.12

Spektrum Baku Lanolin

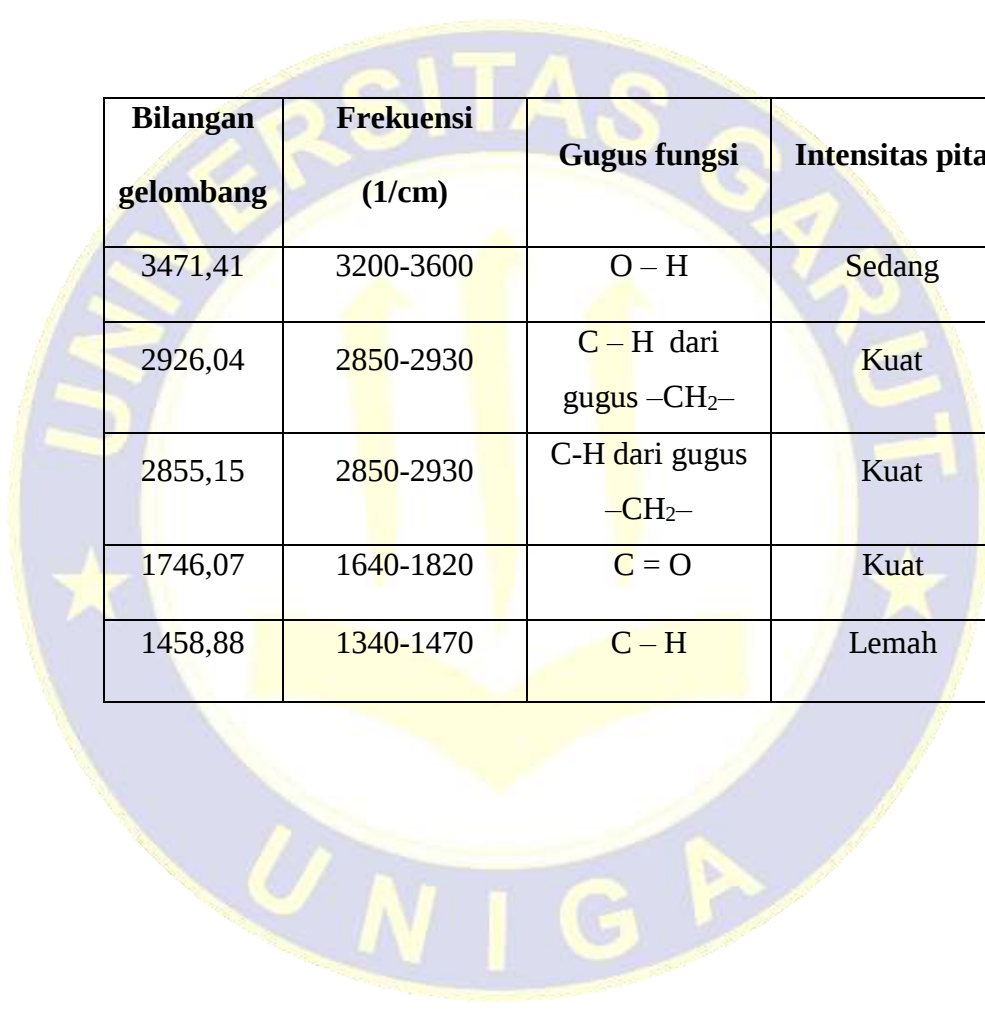
Spektrum Lipstik Lanolin

LAMPIRAN 12

Analisis Gugus Fungsi

Tabel V.13

Analisis gugus fungsi baku lemak babi



Bilangan gelombang	Frekuensi (1/cm)	Gugus fungsi	Intensitas pita
3471,41	3200-3600	O – H	Sedang
2926,04	2850-2930	C – H dari gugus –CH ₂ –	Kuat
2855,15	2850-2930	C-H dari gugus –CH ₂ –	Kuat
1746,07	1640-1820	C = O	Kuat
1458,88	1340-1470	C – H	Lemah

LAMPIRAN 13

Analisis Gugus Fungsi

Tabel V.14

Analisis gugus fungsi baku Lanolin

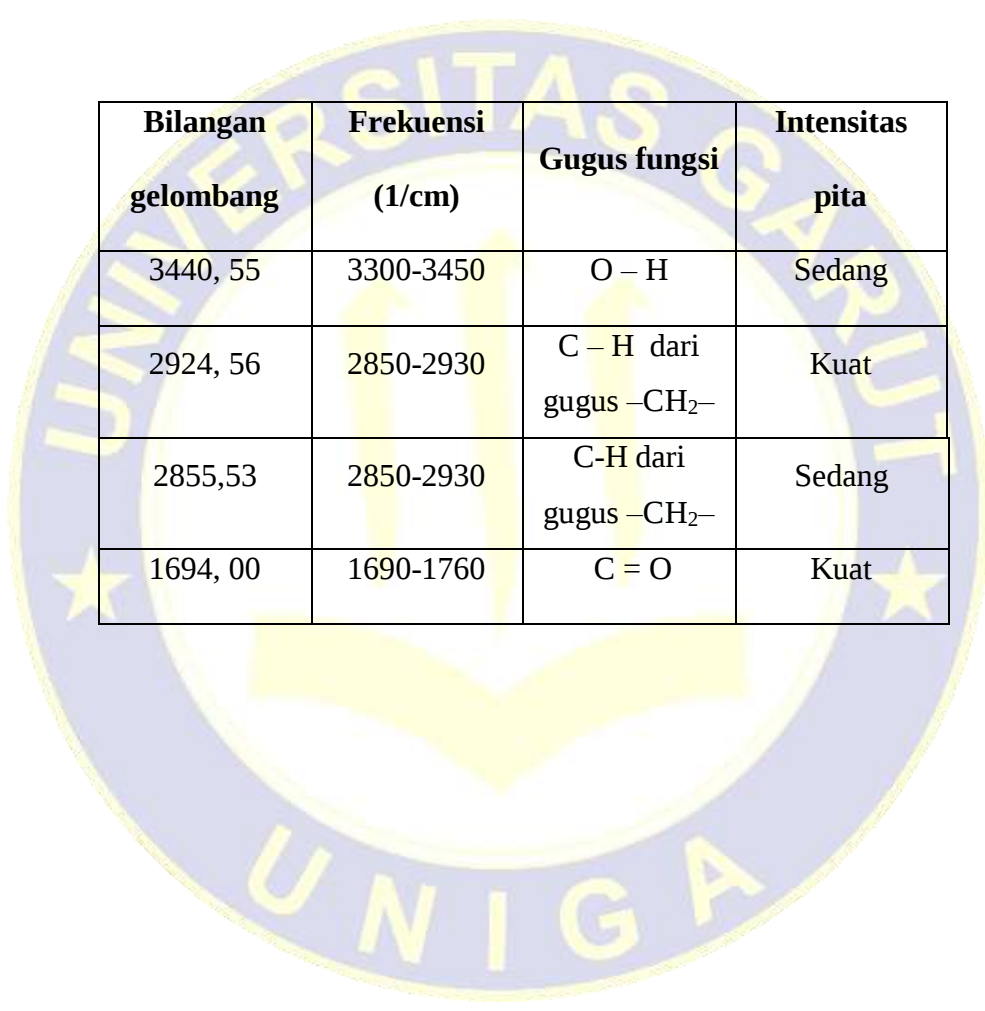
Bilangan gelombang	Frekuensi (1/cm)	Gugus fungsi	Intensitas pita
2921,70	2850-2930	C-H dari gugus -CH ₂ -	Kuat
2854,19	2850-2930	C-H dari gugus -CH ₂ -	Kuat
1601,89	1600-1800	C = O	Lemah
1460, 13	1340-1470	C – H	Kuat
1373,33	1340-1470	C – H	Kuat

LAMPIRAN 14

Analisis Gugus Fungsi

Tabel V.15

Analisis gugus fungsi Lipstik Lemak Babi



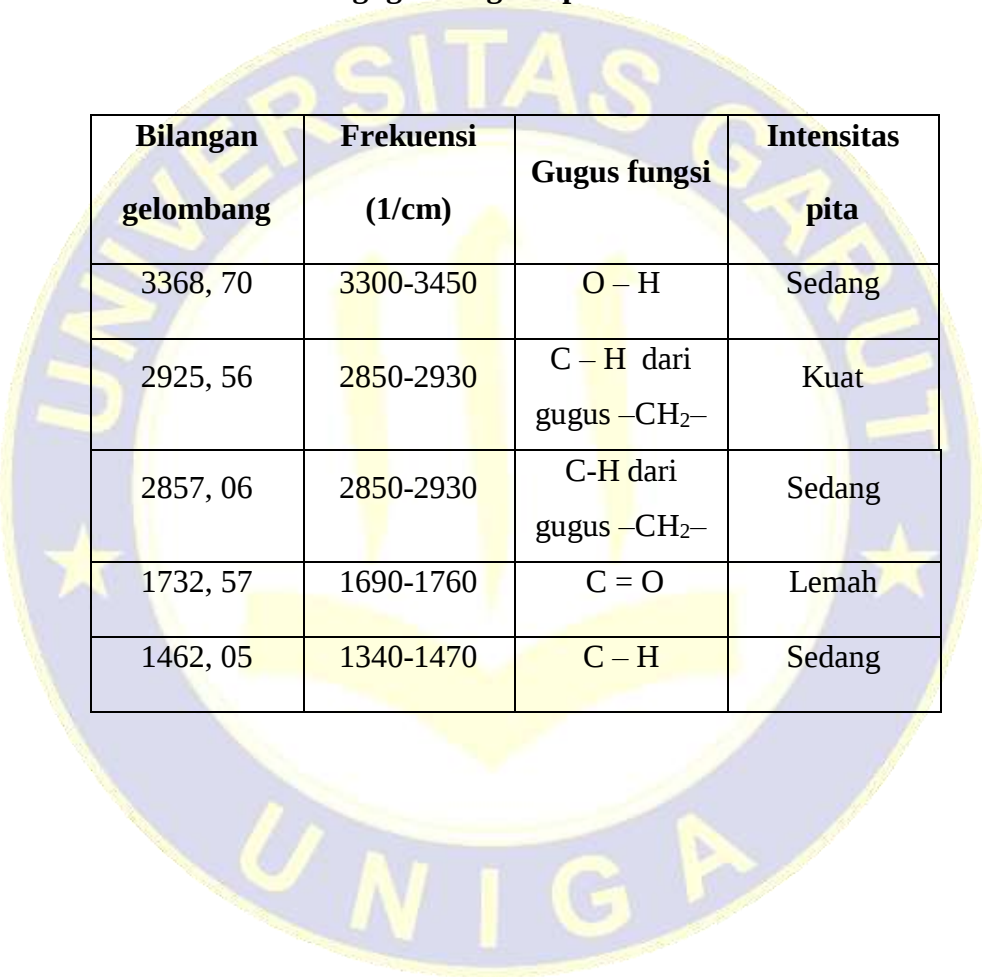
Bilangan gelombang	Frekuensi (1/cm)	Gugus fungsi	Intensitas pita
3440, 55	3300-3450	O – H	Sedang
2924, 56	2850-2930	C – H dari gugus –CH ₂ –	Kuat
2855,53	2850-2930	C-H dari gugus –CH ₂ –	Sedang
1694, 00	1690-1760	C = O	Kuat

LAMPIRAN 15

Analisis Gugus Fungsi

Tabel V.16

Analisis gugus fungsi Lipstik Lanolin



Bilangan gelombang	Frekuensi (1/cm)	Gugus fungsi	Intensitas pita
3368, 70	3300-3450	O – H	Sedang
2925, 56	2850-2930	C – H dari gugus –CH ₂ –	Kuat
2857, 06	2850-2930	C-H dari gugus –CH ₂ –	Sedang
1732, 57	1690-1760	C = O	Lemah
1462, 05	1340-1470	C – H	Sedang