LAMPIRAN-LAMPIRAN

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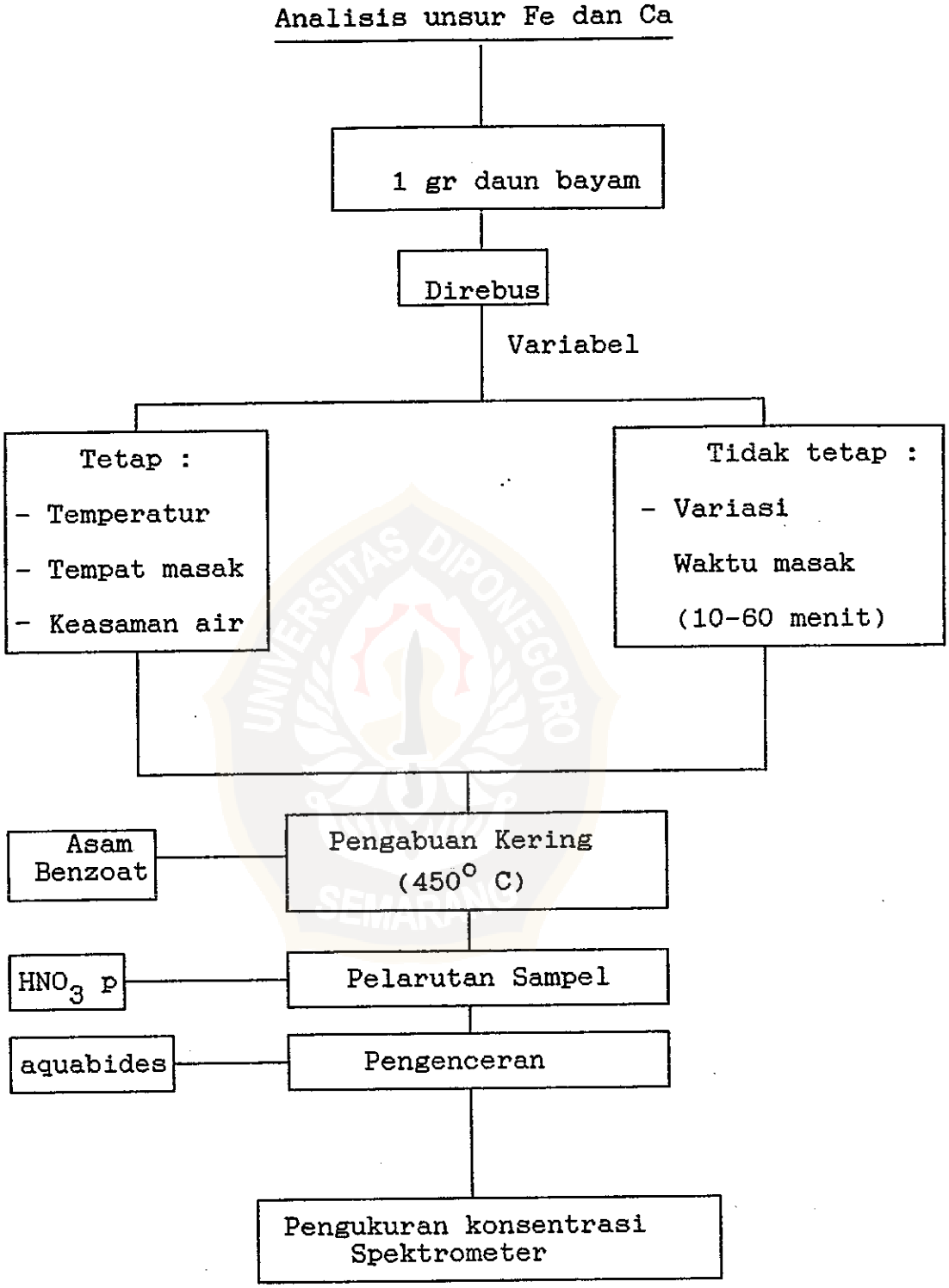
lampiran 1

BLOK DIAGRAM PERCOBAAN



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LAMPIRAN 2

PERHITUNGAN

Sampel yang digunakan dalam penelitian ini adalah 1 gr bayam yang dilarutkan dengan aquabides sampai menjadi 100 ml larutan cuplikan. Penentuan konsentrasi unsur Fe dan Ca pada alat SSA dinyatakan dengan ppm (μg/ml). Dari hasil tersebut kemudian dikonversikan ke dalam banyaknya unsur Fe dan Ca untuk sampel 100 gr bayam.

Jika c menyatakan konsentrasi Fe dalam ppm, maka banyaknya kandungan zat besi (Fe) dalam mg untuk 100 gr bayam dihitung sebagai berikut :

$$100 \text{ ml} \times c \ \mu\text{g/ml} \times \frac{100 \text{ gr}}{1 \text{ gr}} \times \frac{1 \text{ mg}}{1000 \ \mu\text{g}} = 10 \text{ c mg}$$

Jika k menyatakan konsentrasi Ca dalam ppm dengan pengenceran empat kali, maka kandungan Ca dalam mg untuk 100 gr bayam dihitung sebagai berikut:

$$100 \text{ ml} \times 4 \text{ k} \ \mu\text{g/ml} \times \frac{100 \text{ gr}}{1 \text{ gr}} \times \frac{1 \text{ mg}}{1000 \ \mu\text{g}} = 40 \text{ k mg}$$

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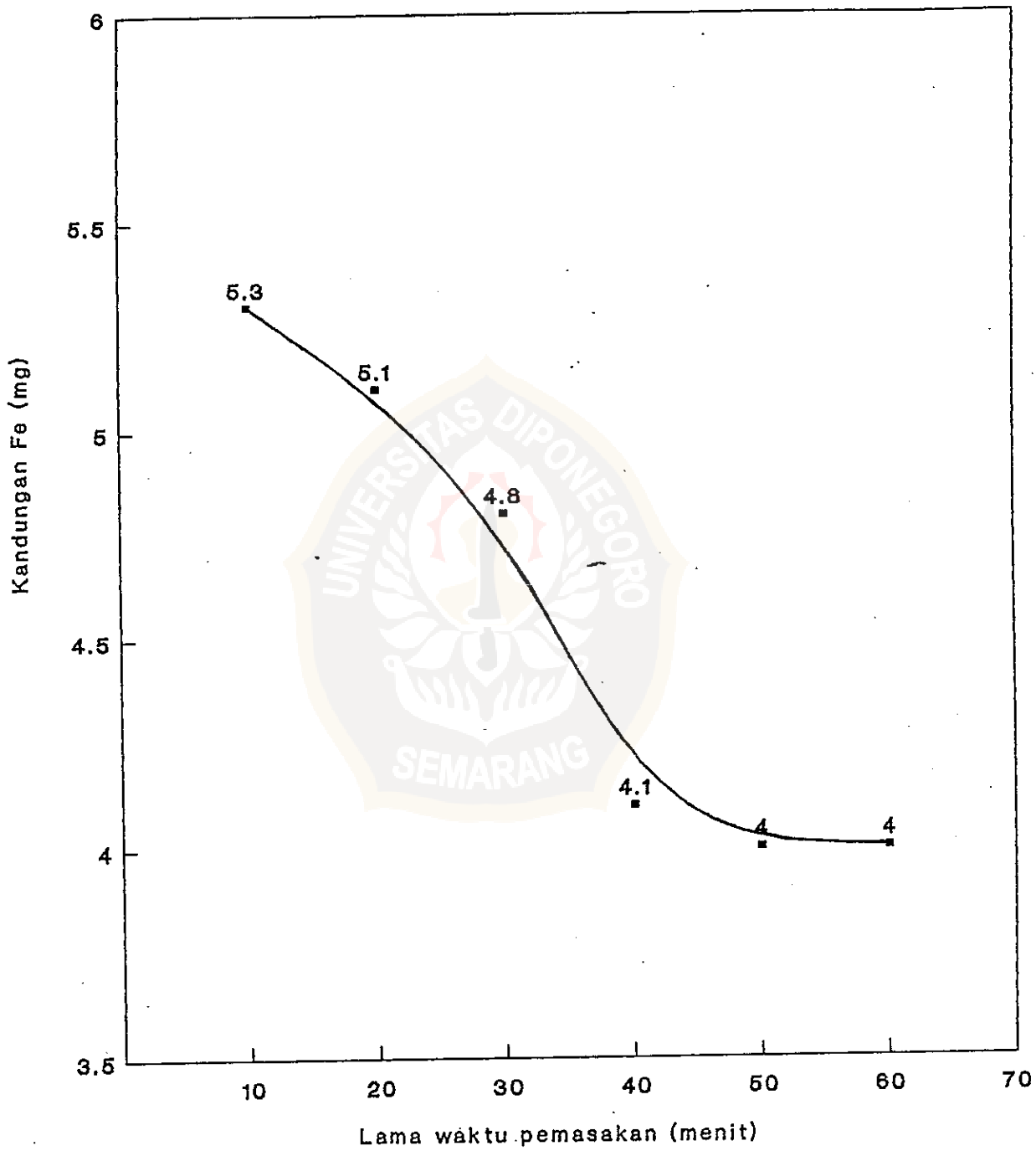

Grafik : Variasi Lama Waktu Pemasakan Terhadap Kandungan Fe Dalam 100 gr Bayam.

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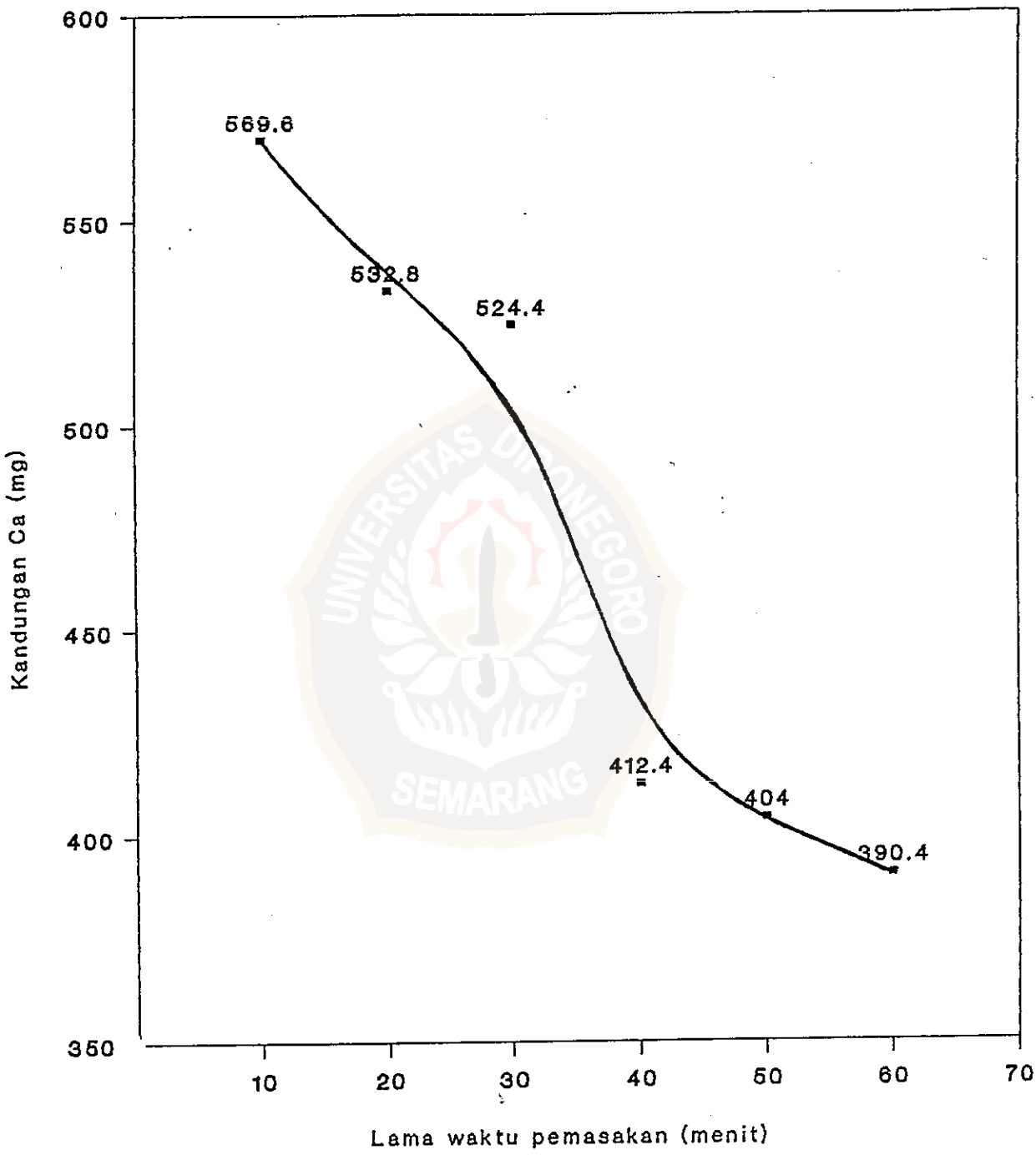
Lampiran 6



Grafik : Variasi Lama Waktu Pemasakan terhadap Kandungan Ca Dalam 100 gr Bayam.

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