

Name: \_\_\_\_\_

Address: \_\_\_\_\_

## ANALYSIS RESULTS

### 1. Bulb Examination

Dirt	<i>null</i> _____	<i>some</i> __x__	<i>heavy</i> _____	% _____
DHT	<i>null</i> __x__	<i>some</i> _____	<i>heavy</i> _____	% _____
Bacteria	<i>null</i> __x__	<i>some</i> _____	<i>heavy</i> _____	% _____

### 2. Porosity Test

*low* \_\_\_\_\_      *normal* \_\_\_\_\_      *high* \_\_x\_\_

### 3. Elasticity Test

*low* \_\_x\_\_      *normal* \_\_\_\_\_      *high* \_\_\_\_\_



### 4. Cortex Examination

*need vitamins* \_\_x\_\_      *need amino acids* \_\_x\_\_      *normal* \_\_\_\_\_

### 5. Other Concerns:

A bubble was found on the hair shaft. This is probably the result of using heat appliances on damp hair. Heat appliances such as curling irons usually operate between 120 and 180 °C. If a hot curling iron is put on to wet hair, it boils the water inside the hair. This is because water boils at 100 °C. The boiling water softens the keratin of the cortex; then the steam from the boiling water expands and forms tiny bubbles inside the hair. Eventually the hair breaks off, either at or somewhere near a bubble. *See Photo 2.*

## PHOTOGRAPHS

	<p><b>Photo 1: Bulb</b></p> <p>Some bulb dirt is present.</p>
	<p><b>Photo 2: Bubble in shaft</b></p> <p>This bubble is due to the use of heat appliances on damp hair.</p>

## **RECOMMENDATIONS**

**Please see the treatments list for names of shampoos, treatments, vitamins, etc, and directions.**

1. Shampoo #1
2. Treatments #1 and #3
3. Vitamins #2
4. Amino Acids #1

### **Remarks:**

Your hair damage reflects use of chemical services and heat appliances. Overly porous hair is very susceptible to breakage when these types of services are used. The recommended shampoo will remove the dirt buildup at the root. The treatments will reduce porosity and improve moisture. This will lead to less breakage. The vitamins and amino acids will promote healthy hair growth.

Note: Do not use any chemical services until the porosity of your hair has improved. Also, make sure hair is completely dry before using heat appliances such as curling irons to avoid hair bubbles.