Read the article and fill the gaps with appropriate words.

DECAFFEINATION

Adapted from http://en.wikipedia.org/wiki/Decaffeination

concentrations	referred		caffeine	removing	unroasted
chemicals	mass	rinsed			

Decaffeination is the act of **1**. caffeine from coffee beans, cocoa, tea leaves and other caffeine-containing materials. (While caffeine-free soft drinks are occasionally **2**. to as "decaffeinated", some are better termed "uncaffeinated": prepared without adding caffeine during production.) Despite removal of caffeine, many decaffeinated drinks still have around 1-2% of the original **3**. remaining in them.

Swiss Water Process

traps discarded released retain diffuses soaked captures

The Swiss Water Process is a method of decaffeinating coffee beans developed by the Swiss Water Decaffeinated Coffee Company. To decaffeinate the coffee bean by the Swiss Water method, a batch of green (unroasted) beans is **1**. in hot water, releasing caffeine. When all the caffeine and coffee solids are **2**. into the water, the beans are **3**. The water then passes through a carbon filter that **4**. caffeine but lets the coffee solids pass through. The resulting solution, called "green coffee extract (GCE)" by the company, is now available for decaffeinating coffee. New green coffee beans are introduced to the GCE. Since the GCE is coffee solids without

caffeine only the caffeine **5.** from the new beans. The GCE passes through proprietary carbon which **6.** the caffeine. The process repeats, filtering out all the caffeine until the beans are 99.9% caffeine-free. These beans are removed and dried, and thus **7.** most if not all of their flavor.

Direct method

synthetic gathering acetate drained steamed residual

CO₂ process

reduced transition evaporate charcoal harmful extraction supercritical diffusivity compressed

Triglyceride process

method	flavor	surface	dried	batch	immersed	
Green coffee bea	ans are soaked	in a hot water/	coffee solutio	on to draw the	caffeine to the	1.
	of the beans.	Next, the beam	ns are transfer	red to another	container and	2.
	in coffee oils th	nat were obtaine	ed from spent	coffee grounds	5.	

After several hours of high temperatures, the triglycerides in the oils remove the caffeine but not the **3**. elements—from the beans. The beans are separated from the oils and **4**. The caffeine is removed from the oils, which are reused to decaffeinate another **5**. of beans. This is a direct-contact **6**. of decaffeination.