

SMOKE ANALYSIS AND PHYSICAL PROPERTIES OF

SVF-N-68-Q

Manufactured 2/69 - Received from R. S. S.

1. Control - True filter cigarettes w/o filter.
2. True filter cigarettes - filter replaced with Siragusa Venturi plastic filters.

		<u>W/O Filter</u>	<u>Plastic Filter</u>
<u>Physical Properties</u> (Unconditioned)			
Pressure Drop of Cigarettes (cm water)		6.3	24.1
Pressure Drop of Filter (cm water)		-	17.8
<u>Org. Smoke Analysis</u>			
Avg. Weight Cigt.	mgs/cigt.	-	1080
	cigts/4 oz.	-	105.0
Length Smoked/Cigt. (mm)		52/65	52/85
Particulate Matter (Wet)	mgs/cigt.	33	14
	mgs/puff	4.2	1.8
Dry Particulate Matter	mgs/cigt.	25	12
	mgs/puff	3.2	1.6
Nicotine	mgs/cigt.	1.3	0.6
	mgs/puff	0.15	0.08
"Tar"	mgs/cigt.	24	11
	mgs/puff	3.0	1.4
Puffs/Cigt.		7.9	7.7

\* Cigarettes picked at average weight before replacing original filter.

S-69-153-1,2

FWS:pct

February 27, 1969