

Mainstream Volatiles Test Report for:  
 Danise Coar  
 Philip Morris U.S.A.  
 Quote 03-405

Project Code: 1617  
 Project Start Date: 10-Oct-03  
 Arista SOP #: T-015  
 Smoking Protocol: 55-45-2  
 Authorized By: A. Martin

For questions or concerns, please see the customer feedback form at <http://www.aristalabs.com>

Run #	Port#	Client Code	Arista Code	Puffs/Cigt	MS TPM (mg/cigt)	1,3-butadiene (µg/cigt)	Isoprene (µg/cigt)	Acrylonitrile (µg/cigt)	Benzene (µg/cigt)	Toluene (µg/cigt)	Styrene (µg/cigt)
55-45-2-4	F	Marlboro ULT KS HP	2263	8.6	15.6	50.7	542	14.2	52.8	96.2	9.96
55-45-2-4	G	Marlboro ULT KS HP	2263	8.4	15.5	47.8	551	14.7	53.4	98.2	10.6
55-45-2-4	H	Marlboro ULT KS HP	2263	9.0	15.6	53.8	565	15.2	57.5	106	10.8
55-45-2-4	I	Marlboro ULT KS HP	2263	9.0	17.0	56.4	568	15.7	57.2	104	11.5
55-45-2-4	J	Marlboro ULT KS HP	2263	9.0	17.3	51.7	579	15.3	55.8	104	11.3
Average				8.8	16.2	52.1	561	15.0	55.3	102	10.9
sd				0.3	0.9	3.2	14	0.6	2.2	4	0.6
%RSD				3.2	5.4	6.2	2.6	3.9	3.9	4.2	5.7