

CHROMTEC LLC

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April 6, 2013

TO: Safety Technology
1867 Caravan Trail #105
Jacksonville, FL 32216

RE: A.O.A.C. CAPSAICIN ANALYSIS ON SAMPLE -

Guard Dog Security (Sample H)
½ Oz. Net

CERTIFICATE OF ANALYSIS

The sample identified above was run for Capsaicin content according to the protocol of the **AOAC procedure 995.03**.

The sample was found to contain the following – **1.10+/- 0.02% Total Capsaicinoids** on a wt./wt. basis.

The **RELATIVE Percentage** of each capsaicinoid found in the sample is as follows:

	RELATIVE, %
Nordihydrocapsaicin (NDC)	4.5
Capsaicin (C)	62.3
Dihydrocapsaicin (DC)	33.2

The **Scoville Heat Units (SHU)** based on this assay calculates to **174,200**.

Submitted By:

Marlin Bensinger
CHROMTEC LLC