



### Report of Analysis

**Relentless Improvement**

Attn.: Pete Hitesman  
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Livermore, CA 94551

**AACL Control Number: 030207-4051**

Product Name: Sulbutiamine

Received On: 3/2/2007

Lot Number: 7B008 Feb2010

Analysis Performed / Method	Result with Units
Unit Weight	506.0 mg/unit
Sulbutiamine HPLC, LC-MS	*See below
Coliforms BAM	n.d. cfu/g
E. Coli BAM	n.d. cfu/g
Salmonella BAM	Negative
Staphylococcus BAM	n.d. cfu/g
Total Plate Count BAM	n.d. cfu/g
Yeast and Molds BAM	n.d. cfu/g
Arsenic (As) AACL 22 A&B (GFAA)	0.14 mcg/serving
Cadmium (Cd) AACL 22 A&B (GFAA)	0.06 mcg/serving
Lead (Pb) AACL 22 A&B (GFAA)	< 0.050 mcg/serving
Mercury (Hg) USP 29	< 0.015 mcg/serving

**Comments:**

\* The unit weight for the sample was 506mg per capsule. The claim is 190-210 mg of sulbutiamine/capsule. Because there no standard available for sulbutiamine, the sample was run in a HPLC system with detection of 220 nm. There was only one major peak on the chromatogram. The major peak was confirmed to be sulbutiamine by LC-MS.

Authorized by

Xingtng Wang

Laboratory Manager

03/16/2007

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