

Report For: Shield Manufacturing
425 Fillmore Avenue
Tonawanda, NY
14150
Phone: 716-694-7100 x 311
Fax: 716-694-8652
Email: dberghash@shieldsports.com

Laboratory #: 508848-09
Report Date: March 9, 2009
Received Date: February 25, 2009

Attention: David Berghash

TEST REPORT

RE: ANALYSIS OF SAMPLE FOR LEAD CONTENT PRESENCE OF PHTHALATES

1.0 INTRODUCTION

On February 25, 2009, CMTL received one (1) sample for analysis to determine if the material contains Lead and complies with the Consumer Product Safety Improvement Act (CPSIA) using an Inductively Coupled Argon Plasma Spectrometer as per ASTM D1976-07 (Modified); and for presence of phthalates utilizing a Fourier Transform Infrared (FTIR) Spectrometer as per ASTM E1252-98 (2002).

The submitted sample was identified as follows:

Sample #1: **A022009**

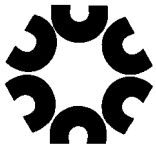
2.0 RESULTS

2.1 Infrared Analysis

The sample was fragmented and extracted with trichloroethylene (TCE). The extract was analysed using an FTIR Spectrometer equipped with an Attenuated Reflectance attachment to evaluate the presence of phthalates.

The results obtained are shown in the following table:

This report is subject to the following terms and conditions: 1. This report relates only to the specimen provided and there is no representation or warranty that it applies to similar substances or materials or the bulk of which the specimen is a part. 2. The content of this report is for the information of the customer identified above only and it shall not be reprinted, published or disclosed to any other party except in full. Prior written consent from Cambridge Materials Testing Limited is required. 3. The name Cambridge Materials Testing Limited shall not be used in connection with the specimen reported on or any substance or materials similar to that specimen without the prior written consent of Cambridge Materials Testing Limited. 4. Neither Cambridge Materials Testing Limited nor any of its employees shall be responsible or held liable for any claims, loss or damages arising in consequence of reliance on this report or any default, error or omission in its preparation or the tests conducted. 5. Specimens are retained 6 months, test reports and test data are retained 7 years from date of final test report and then disposed of, unless instructed otherwise in writing.



Infrared Analysis (Cont'd)

<u>DESCRIPTION</u>	<u>PRESENCE OF PHTHALATES</u>
Sample #1: A022009	NO

(See Attached Infragraph)

2.2 Spectrometric Analysis

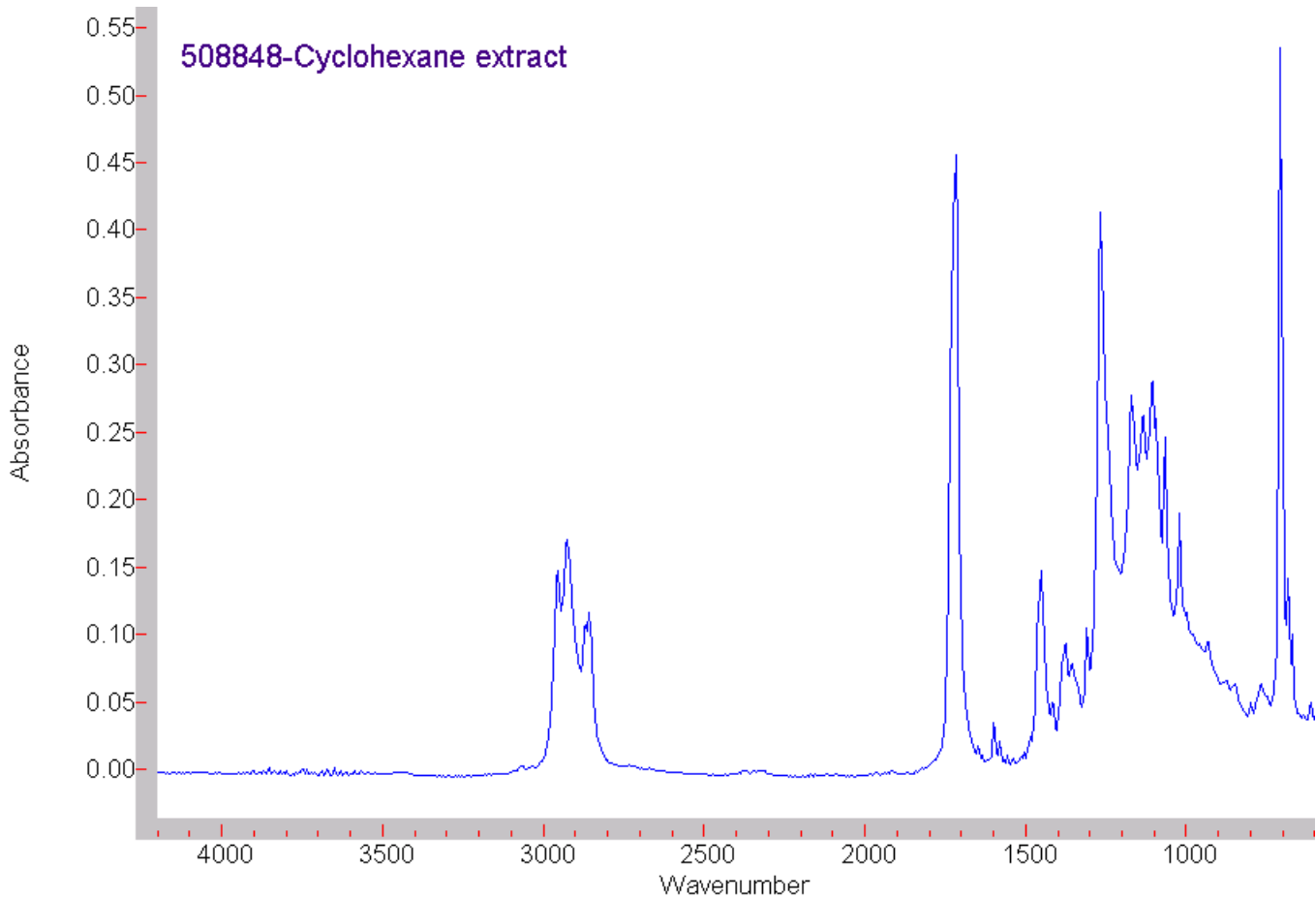
The submitted specimen was initially ashed at 550°C, later digested in acid and then analyzed using an Inductively Coupled Argon Plasma (ICAP) Spectrometer (ASTM D1976-07 (modified)) to determine the concentration of Total Lead.

The results of the analysis are as follows:

<u>DESCRIPTION</u>	<u>TOTAL LEAD (PPM)</u>	<u>COMPLIANCE WITH 16 C.F.R. 1303 (600 PPM MAX)</u>
Sample #1: A022009	<1	YES



FTIR INFRAGRAPHS



Source: Shield Manufacturing

Sample I.D.: Sample #1: **A022009**

Remarks: The Infragraphs shows that the submitted sample described above has **no presence of Phthalates.**