

Client: SNUGZ USA
Job Number: 114859

Cadmium and Lead by SOP 7040, Rev 10
Quantitative Analysis Report
Inductively Coupled Plasma-Mass Spectrometry

Parts Per Million ($\mu\text{g/g}$)

<u>Sample ID</u>	<u>Cadmium</u>	<u>Lead</u>
Nylon	ND	ND
Detection Limit:	0.1	0.1

Date Analyzed: 05-22-09

Quality Control Summary

Sample:	Batch QC						
<u>Analyte</u>	<u>Sample Result</u>	<u>Duplicate Result</u>	<u>Average Result</u>	<u>Sample RPD</u>	<u>Spike Conc</u>	<u>Spike Result</u>	<u>Spike % Rec</u>
Cadmium	ND	ND	ND	NA	295	317	107
Lead	ND	ND	ND	NA	295	287	97
Date Analyzed:	05-22-09						

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Phthalates by GCMS

Sample Preparation

A portion of each sample was extracted in methylene chloride. An aliquot of each extract was spiked with internal standards and was analyzed by GCMS.

GCMS Conditions

Column: 30 m x 0.32 mm Rtx-5Sil MS, 1 micron film
 Column Temp: 120 °C (hold 1 min) to 320 °C at 15 °C/min (hold 8 min)
 Injector Temp: 320 °C
 Mass Range: 41-475 amu; 3.35 scans/sec

Weight Percent (w/w)

<u>Analyte</u>	<u>Nylon</u>	<u>Detection Limit</u>
Dimethyl phthalate	ND	0.004
Diethyl phthalate	ND	0.004
Di-n-butyl phthalate	ND	0.004
Di-n-hexyl phthalate	ND	0.004
Butyl benzyl phthalate	ND	0.004
Bis(2-ethylhexyl)phthalate	ND	0.004
Bisphenol A	ND	0.004
Di-n-octyl phthalate	ND	0.004
Diisononyl phthalate	ND	0.1
Diisodecyl phthalate	ND	0.1

Dates analyzed: 05-23-09

Quality Control Summary

<u>Analyte</u>	<u>Batch QC</u>						
	<u>Sample Result</u>	<u>Spike Conc</u>	<u>Spike Result</u>	<u>Spike % Rec</u>	<u>Spike Duplicate Result</u>	<u>Spike Duplicate % Rec</u>	<u>Spike RPD</u>
Dimethyl phthalate	ND	0.0467	0.0490	105	0.0439	94	11
Diethyl phthalate	ND	0.0474	0.0503	106	0.0447	94	12
Di-n-butyl phthalate	ND	0.0500	0.0548	110	0.0483	97	13
Di-n-hexyl phthalate	ND	0.0470	0.0549	117	0.0478	102	14
Butyl benzyl phthalate	ND	0.0466	0.0507	109	0.0455	98	11
Bis(2-ethylhexyl)phthalate	ND	0.0537	0.0668	124	0.0555	103	18
Bisphenol A	ND	0.0489	0.0309	63	0.0271	55	13
Di-n-octyl phthalate	ND	0.0497	0.0592	119	0.0526	106	12

QC Guidelines

<u>Analyte</u>	<u>% Recovery</u>	<u>RPD Limit</u>
All compounds	50 - 150	NMT 25