



## Test Report

No. 2057643/BS

Date : Aug 03 2012

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NATURAL SOURCES INTERNATIONAL COMPANY  
UNIT 1004, 10/F, METRO LOFT  
38 KWAI HEI STREET  
KWAI CHUNG  
NEW TERRITORIES  
HONG KONG

Job No. : 4305720

The following sample was submitted and identified by the client as Natural Hair Colour

Product Description	:	Natural Hair Colour
Quantity Received	:	100 g
Sample Appearance	:	Green powder
SGS Sample No.	:	4305720-101
Item No.	:	HC-2
Sample Receiving Condition	:	In sealed aluminum bag under ambient condition
Manufacturer / Supplier	:	Natural Sources International Company
Country of Origin	:	India
Sample Receiving Date	:	July 23 2012
Testing Period	:	July 23 – August 3 2012

### Test Requested

1. To perform Arsenic, Lead and Mercury analyses on the submitted sample.
2. To determine the content of o-Phenylenediamine, p-Phenylenediamine and m-Phenylenediamine on the submitted sample.

### Test Method and Test Results

Please refer to the following page(s).

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Signed for and on behalf of  
SGS Hong Kong Ltd.

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CHAN SUK-HANG, JOAN  
DEPUTY DEPARTMENT MANAGER - HEALTHCARE AND COSMETICS SERVICES

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**Test Method**

1. Heavy Metal and Toxic Elements  
The analyses were performed by employing the digestion of sample in acid mixture following with Inductively Coupled Argon Plasma Spectrometry measurement.
2. o-Phenylenediamine, p-Phenylenediamine and m-Phenylenediamine  
The analysis was performed by in house method employing Liquid Chromatography-Mass Spectrometry detection.

**Test Results**

<u>Parameter</u>	<u>Natural Hair Colour SGS Sample No. 4305720-101</u>	<u>Guideline Limit #</u>
<i>(1) Heavy Metals and Toxic Elements</i>		
Arsenic (As)	< 0.21 mg/kg (ppm)	≤ 10 mg/kg (ppm)
Lead (Pb)	0.81 mg/kg (ppm)	≤ 40 mg/kg (ppm)
Mercury (Hg)	< 0.12 mg/kg (ppm)	≤ 1 mg/kg (ppm)
(2a) o-Phenylenediamine	Not detected	--
(2b) p-Phenylenediamine	Not detected	--
(2c) m-Phenylenediamine	Not detected	--

Note :

1. Results reported on the submitted sample on an as received basis.
2. < = less than
3. The lowest detectable level of o-Phenylenediamine, p-Phenylenediamine and m-Phenylenediamine is 0.01 %.
4. # = Guideline limits :  
China Upper Limit – Hygienic Standard for Cosmetics, 2007 edition, Ministry of Health, People’s Republic of China.

\*\*\* End of Report \*\*\*

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