

# Hair Analysis

## Testing for Toxic and Essential Elements

**QUALITY**  
ISO 9001

**ENVIRONMENT**  
ISO 14001

**HEALTH & SAFETY**  
ISO 45001



## When you need to know more..

Hair testing provides a wide window of detection for elements that may include dangerous or toxic compounds that workers may be exposed to on a daily basis.

Unlike blood and urine a three month hair test will provide a snapshot of the employee's exposure over a three month period and will result in one of two outcomes:

1. Will give piece of mind that exposure to one or more critical elements has not exceeded an established referenced range; or
1. Will give an early indication if further action (such as a visit to the doctor) is required.

From an employer's perspective a simple hair test pre-employment will provide a benchmark for the engaged employee to go on record and be compared with periodically to ensure exposure has not increased during a particular term; or

An existing employee's hair test will provide an indication if exposure has exceeded a reference range and can be acted on as an early intervention, thereby avoiding litigation and harm through unknown impacts.

Either way a hair test for elements to ensure exposure does not reach harmful levels is a beneficial cost effective pathway to ongoing good health and protection from unwanted exposure.

### Benefits:

The benefits of conducting baseline and periodic testing of hair for metals is very important for establishing the accumulation of metals in hair that may have the potential to interfere with the body's normal biological functions. The ramifications of which can be very serious.

This testing is essential for establishing & managing risk in a particular worksite, job role etc.

## Reduce Risk, Gain Insight - 90 Day Window

- 7 Day Turnaround
- Complements Your Existing Risk Management Program
- Vital for Pre-Employment
- Greater Window Of Detection

## Call Today!

# 1300 79 70 30

## WORKPLACE HAIR ANALYSIS



Our standard hair sample analysis reporting will include the following elements and high statements relating to the findings. Our reporting will provide you with the following data.

**Toxic Elements:** These elements are referred to as “toxic” due to their potential to interfere with the body’s normal biological functions. Although present in trace amounts in our environment, accumulation of high levels of these elements is undesirable as it may lead to adverse health effects.

**Nutrient Elements:** The major nutrient elements are considered essential to the proper functioning of biological systems and consequently human health. Metabolism is dependent on appropriate supply and balance of these elements.

### Toxic & Essential Elements:

- |                  |                  |                 |                 |
|------------------|------------------|-----------------|-----------------|
| • Aluminium (Al) | • Bismuth (Bi)   | • Mercury (Hg)  | • Titanium (Ti) |
| • Antimony (Sb)  | • Cadmium (Cd)   | • Nickel (Ni)   | • Uranium (U)   |
| • Arsenic (As)   | • Chromium (Cr)  | • Thallium (Tl) |                 |
| • Barium (Ba)    | • Lead (Pb)      | • Thorium (Th)  |                 |
| • Beryllium (Be) | • Manganese (Mn) | • Tin (Sn)      |                 |

*Note: We provides analysis only, and recommends that interpretation of these results be undertaken by a healthcare professional.*