

# CERTIFICATE OF ANALYSIS

**84X BA15 (batch A)**

## Certified Reference Material Information

Type: LEAD/CALCIUM BATTERY ALLOY (CAST)  
Form and Size: Disc, 38-40mm diameter  
Produced by: Universal Scientific Laboratory Pty Ltd  
Certified and supplied by: MBH Analytical Ltd

## Assigned Values

### Percentage element by weight

Element	Sn	Sb	Bi	Cu	Cd
Value <sup>1</sup>	0.941	0.0047	0.0140	0.0011	0.0013
Uncertainty <sup>2</sup>	0.009	0.0004	0.0006	0.0001	0.0001

Element	As	Ag	Zn	Al	Ca
Value <sup>1</sup>	0.00053	0.0095	0.0062	0.0161	0.0865
Uncertainty <sup>2</sup>	0.00006	0.0004	0.0002	0.0008	0.0011

## Definitions

- <sup>1</sup> The certified values are the present best estimates of the true content for each element. Each value is a panel consensus, based on the averaged results of an interlaboratory testing programme, detailed on page 3.
- <sup>2</sup> The uncertainty values are generated from the 95% confidence interval derived from the wet analysis results, in combination with a statistical assessment of the homogeneity data, as described on page 2.

## Certified by:

MBH ANALYTICAL LIMITED

on 29<sup>th</sup> September 2014  
C Eyeleigh