

# Certificate of Analysis

## Reference Material & Standard

|                      |                                                             |                            |                                           |
|----------------------|-------------------------------------------------------------|----------------------------|-------------------------------------------|
| <b>Product Name:</b> | Standard Solutions of 7 Metal Elements(Al,B,Co,Cu,Fe,Mn,Zn) | <b>Catalogue Number:</b>   | LINS001331                                |
| <b>Appearance:</b>   | Colourless Liquid                                           | <b>Lot Number:</b>         | 0718-RD-0002                              |
| <b>Solvent:</b>      | 10%HNO <sub>3</sub>                                         | <b>Storage:</b>            | 2°C ~ 8°C Protected from light and Sealed |
| <b>Expiry Date:</b>  | Jul 11, 2024                                                | <b>Shipping Condition:</b> | Shipping at Room Temperature              |

**Chemical Structure:**

N/A

**Warning:**



| NO. | Component                                                   | CAS No. | Certified Concentration Value (µg/mL) | Uncertainty (%) |
|-----|-------------------------------------------------------------|---------|---------------------------------------|-----------------|
| 1   | Standard Solutions of 7 Metal Elements(Al,B,Co,Cu,Fe,Mn,Zn) | N/A     | 100.0                                 | 2               |

## Comment:

The uncertainty values are the expanded uncertainty and represent an estimated standard deviation equal to the positive square root of the total variation of the uncertainty of components. A normal distribution is assumed and a coverage factor of K=2 is chosen using approximately a 95% confidence level.

CATO Research Chemicals Inc.

**Signature:**

Prepared by:

*Xenia*

Reviewed by:

*Cady*

Approved by General Manager:

*David*

Date: Jul 11, 2022

Date: Jul 19, 2022

Date: Jul 19, 2022

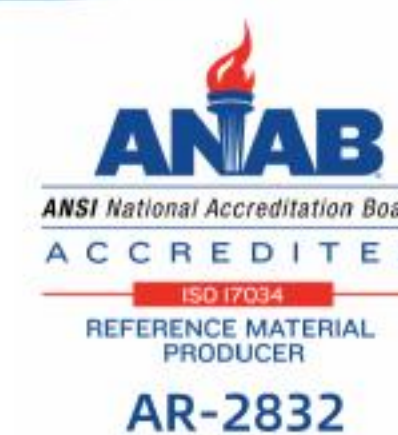
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