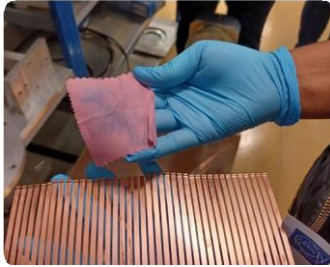


# COLORIMETRIC DETECTION OF BERYLLIUM

CodeBe detection capability provides a simple, fast, effective and affordable way to detect beryllium contamination using a wet or dry wipe.



## RAPID VISUAL COLOR CHANGE WHEN IN CONTACT WITH BERYLLIUM

### WHY USE CODEBE?

- Wet or dry wipe; ready to use straight from the packet
- Accurate results within 30 seconds
- On-site results
- Only test that does not dissolve the sample
- Low-cost and scalable
- High Sensitivity and specificity
- Binary, easy-to-interpret results
- Quickly identifies contamination across various materials (air filters, diverse surfaces)
- Accurately detects trace levels
- No power or maintenance required
- Samples can be sent for further testing, such as ICP

### HOW TO USE

- 1 Wipe area suspected of contamination
- 2 Compare to color standard. A color change indicates the presence of beryllium



No Detect

Detect



Our advanced colorimetric detection capabilities have been developed within United States National Laboratories and national security complexes. Our current product offering includes wet and dry wipes. We are continuously enhancing our colorimetric technology through ongoing research and development with further product variations coming soon. Our story is one of continuous innovation - Stay connected with us ready for our developments coming in the future.

## OUR PRODUCTS

### Wet Wipe



### Dry Wipe



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to watch videos  
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## TECHNICAL SPECIFICATION

Detection of beryllium in applications such as; routine and incident response, housekeeping and diagnostic monitoring, control assessment, facility assessment, equipment release, bulk sampling including remediation effectiveness and waste characterization.

Detection Capability	Beryllium
Forms Detected	Be metal, Be oxide and/or hydroxide, Be nitrate, Be copper alloy, Be sulphate, Be fluoride
Product types	Pre-soaked Wet Wipes and Dry Wipes
Detection Level	0.04 µg per 100cm <sup>2</sup> - in company testing
Dimensions	Wet wipe and dry wipe packaging: 8.62cm x 7cm / 3.4" x 2.75"   Internal wipe size: 10.2cm x 10.2cm / 4" x 4" Box Dimensions for 100 wipes: L18cm x H7.3cm x W10cm / L7.1" x H2.9" x W3.9"
Wipe Weight (approx.)	Individual wipe: 6 grams / 2 oz   Box of 100 wipes: 800grams / 1.76 lb
Color	Wet Wipe Packaging: Blue   Dry Wipe packaging: White   Internal Wipe: Pink
Amount of Tests	1 wipe per test   Boxes of 20, 50 and 100 wipes
Response time	*Under 2 minutes. Results within 30 seconds – up to 2 mins to confirm.
Expiration	12 months +
Operational temperature	32-122 degrees F (0-50 degrees C)
Subsequent Analysis Spectroscopy	Compatible with ICP (MS/OES) and Fluorescence

Products are subject to availability. Company reserves the rights from time to time, in its sole discretion and without liability to change, add or withdraw Products or Specifications. Colorimetric tests are for qualitative purposes only, results may vary with individual customer applications.