

# Certificate of Analysis

## Control BACULOSOMES® Plus Reagent, 0.5 mL

**ThermoFisher**  
SCIENTIFIC

**Part Number:** P2315

**Lot Number:** 2489569

**Immediate Storage:** -80°C

**Shipping Conditions:** dry ice

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### Description:

Microsomes prepared from insect cells infected with wild-type baculovirus. This product may be used as a control for native activity when using P450 BACULOSOMES® Plus Reagents.

### Protein Content:

5.0 mg/mL as determined using the Folin-Lowry Protein Procedure.

### Cytochrome P450 Content:

Not detectable

### Cytochrome c Reductase Activity:

50 nmol of cytochrome c reduced per minute per milligram of protein.

### Storage and Handling:

Thaw rapidly in a 37°C water bath. Keep on ice until use. **If aliquots are prepared for product storage, volumes less than 50 µL per aliquot are not recommended.** Dilutions of Control BACULOSOMES® Plus Reagent should be prepared on the day of use, **never store diluted.** If properly stored at -80°C, this product is guaranteed for 6 months from date of purchase.

### Storage Buffer:

100 mM potassium phosphate (pH 7.4).

## QUALITY ASSURANCE

### Lot Specific Testing:

Each lot is tested to confirm that there is no detectable P450 content.



Rachel Smith, Manager, QA/QC

Date: 13/Feb/2023

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Control BACULOSOMES® Plus Reagent is manufactured by Discovery Labware, Inc., a subsidiary of Corning Incorporated, for Life Technologies Corporation.

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