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7212 ACC Blvd. | Raleigh, NC 27617 | 800.234.7837

Certificate of Analysis

bis(2-Ethylhexyl)phthalate

Catalog Number: 64
Lot Number: 071619
Manufacture Date: 07/16/2019
Expiration: 07/31/2024
Solvent: Methylene Chloride
Hazards: Irritant, Toxic

Analyte	CAS	Analyte Purity	Gravimetric Concentration (ug/mL)
bis(2-Ethylhexyl)phthalate	117-81-7	100%	1008 ± 9.38

This reference material (RM) was manufactured and certified by NSI Lab Solutions according to quality procedures meeting our accreditation of ISO Guide 34:2015 and ISO/IEC 17025:2005. Our certificates and scopes of accreditation may be viewed at www.anab.org.

Packaging, Storage, Instructions For Use

This RM is packaged in a flame-sealed ampule and must be stored at 2°C to 8°C. To use this RM, allow it to reach room temperature. Mix it gently by inversion. Inspect for precipitate. If present, sonicate for a few minutes to redissolve. Open the ampule and withdraw an aliquot appropriate for your application.

Traceability Information

Analyte Source Materials: The highest purity analyte source materials are used in the manufacture of this standard. The actual purity is referenced above.

Method: This RM was verified Gravimetrically and Analytically.

Balance: All analytical balances are calibrated on a semiannual basis by an ISO 17025 accredited calibration laboratory and are traceable to NIST. Traceable Calibration Certificate available upon request.

All balances are checked daily by an in-house standard operating procedure. The weights used for this daily verification are calibrated annually by an ISO 17025 accredited calibration laboratory and are certified traceable to NIST. Certificate of Calibration and Traceability available upon request.

Thermometer: All thermometers are NIST traceable through thermometers that are calibrated annually by an ISO 17025 accredited calibration laboratory.

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Glassware: All glassware used in the manufacture of our standards is Class A. An in-house standard operating procedure is used to verify all glassware prior to it being placed into service. Volumetric pipetors are calibrated every four months by an ISO 17025 accredited calibration laboratory.

Intended Uses

- Calibration of analytical instruments
- Validation of analytical methods
- Preparation of working level reference materials, i.e. "check standards"
- Detection limit studies

Homogeneity

This standard was thoroughly mixed in production and is guaranteed homogenous.

Ken Grzybowski

Ken Grzybowski, Organics Department Manager

Mark Hammersla

Mark Hammersla, President