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## Product Data Sheet

### Bead Beat Buffer

Cat. #: BBB-1000

#### Product Description:

Bead Beat buffer is designed to be used in conjunction with “Bead Plate96 100/500“ (Cat # BP96-100500) or equivalent products. Bead Beat Buffer can be used to resuspend cell pellets, or samples can be diluted into Bead Beat Buffer at a final ratio of 20% or lower and then added to wells of “Bead Plate96 100/500“ for lysis on a bead beating instrument. Under these conditions, Bead Beat Buffer includes guanidine isothiocyanate at a concentration high enough to allow binding to “DNA/RNA binding beads” Cat# DRBB-R-1000) or equivalent products with the addition of isopropanol at a concentration greater than or equal to 28%. Isopropanol should not be added prior to transferring the lysed cell supernatant off lysing beads to prevent DNA sticking and loss.

#### Contents and Storage:

Component	Catalog No.	Volume	Quantity	Storage
Bead Beat Buffer	BBB-1000	1 L	1	15°C to 30°C

#### General Guidelines:

- Precipitation may occur if **Binding Solution** is stored below indicated storage temperature. We recommend warming the precipitated solutions to 37°C for 15 minutes to eliminate the precipitate.

#### Safety:

- **Binding Solution** contains Guanidine Thiocyanate. Do not mix with bleach. See MSDS for full safety precautions.