

Potassium Bromide (KBr) Stability Summary: The following lots of Potassium Bromide are currently on the stability program at BioSpectra and stored in the Zone J Warehouse located at the Bangor, PA facility, which has a controlled temperature of 15-30°C and humidity is monitored.

- PB2201-247-0220, P/P packaging configuration
- KBRO-0121-00049, 2P/P packaging configuration
- KBRO-0122-00024-PV, 2P/P packaging configuration
- KBRO-0122-00025-PV, 2P/P packaging configuration
- KBRO-0122-00026-PV, 2P/P packaging configuration

Table 1: Current Stability Specifications for Potassium Bromide

| Analyses | Specification |
|-------------------------|---------------|
| Absorbance (1M) @ 280nm | Monitor |
| Absorbance (1M) @ 260nm | Monitor |
| Assay | 98.0 – 100.5% |
| Limit of Chlorine | 0.6% maximum |
| Loss on Drying | 1.0% maximum |

Table 2: Packaging Details

| Packaging Configuration | Packaging Description |
|-------------------------|---|
| Poly/Poly (P/P) | Samples are individually packaged into small polyethylene bags and sealed with a zip tie. All individual bags are then placed into a polyethylene pail and sealed. |
| 2 Poly/Poly (2P/P) | Sample are individually packaged into small polyethylene bags and sealed with a zip tie. All individual samples are then placed into a larger polyethylene bag, sealed with a zip tie, and then are placed into a polyethylene pail and sealed. |

**Table 3: Potassium Bromide Data Lot PB2201-247-0220 P/P**

| Lot Number | Analyses | Specification | T=0 | T=3 | T=6 | T=9 | T=12 | T=18 | T=24 | T=36 |
|-----------------------|-------------------------|---------------|--------|--------|--------|--------|--------|--------|--------|------------------------------------|
| PB2201-247-0220 (P/P) | Absorbance (1M) @ 280nm | Monitor | 0.0019 | 0.0029 | 0.0115 | 0.0027 | 0.0104 | 0.0036 | 0.0042 | Scheduled to be pulled on 02/10/23 |
| | Absorbance (1M) @ 260nm | Monitor | 0.0043 | 0.0065 | 0.0153 | 0.0057 | 0.0142 | 0.0067 | 0.0082 | |
| | Assay | 98.0 – 100.5% | 98.7 | 99.2 | 98.8 | 98.1 | 98.6 | 98.3 | 99.7 | |
| | Limit of Chlorine | 0.6% max. | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | 0.04 | <0.01 | |
| | Loss on Drying | 1.0% max. | 0.07 | 0.03 | 0.03 | 0.03 | 0.02 | 0.02 | 0.02 | |

Table 4: Potassium Bromide Data Lot KBRO-0121-00049 2P/P

| Lot Number | Analyses | Specification | T=0 | T=3 | T=6 | T=9 | T=12 | T=18 | T=24 | T=36 | T=48 | T=60 |
|------------------------|-------------------------|---------------|--------|--------|--------|--------|--------|------------------------------------|------------------------------------|------------------------------------|------------------------------------|------------------------------------|
| KBRO-0121-00049 (2P/P) | Absorbance (1M) @ 280nm | Monitor | 0.0035 | 0.0181 | 0.0083 | 0.0153 | 0.0059 | Scheduled to be pulled on 02/16/23 | Scheduled to be pulled on 08/16/23 | Scheduled to be pulled on 08/16/24 | Scheduled to be pulled on 08/16/25 | Scheduled to be pulled on 08/16/26 |
| | Absorbance (1M) @ 260nm | Monitor | 0.0069 | 0.0228 | 0.0125 | 0.0204 | 0.0091 | | | | | |
| | Assay | 98.0 – 100.5% | 98.7 | 98.6 | 99.4 | 99.6 | 99.7 | | | | | |
| | Limit of Chlorine | 0.6% max. | 0.01 | 0.01 | <0.01 | <0.01 | <0.01 | | | | | |
| | Loss on Drying | 1.0% max. | 0.07 | 0.05 | 0.03 | 0.02 | 0.04 | | | | | |

Table 5: Potassium Bromide Data Lot KBRO-0122-00024-PV 2P/P

| Lot Number | Analyses | Specification | T=0 | T=3 | T=6 | T=9 | T=12 | T=18 | T=24 | T=36 | T=48 | T=60 |
|---------------------------|-------------------------|---------------|--------|--------|--------|------------------------------------|------------------------------------|------------------------------------|------------------------------------|------------------------------------|------------------------------------|------------------------------------|
| KBRO-0122-00024-PV (2P/P) | Absorbance (1M) @ 280nm | Monitor | 0.0011 | 0.0022 | 0.0041 | Scheduled to be pulled on 01/04/23 | Scheduled to be pulled on 04/04/23 | Scheduled to be pulled on 10/04/23 | Scheduled to be pulled on 04/04/24 | Scheduled to be pulled on 04/04/25 | Scheduled to be pulled on 04/04/26 | Scheduled to be pulled on 04/04/27 |
| | Absorbance (1M) @ 260nm | Monitor | 0.0037 | 0.0051 | 0.0074 | | | | | | | |
| | Assay | 98.0 – 100.5% | 99.7 | 98.5 | 98.3 | | | | | | | |
| | Limit of Chlorine | 0.6% max. | <0.01 | <0.01 | <0.01 | | | | | | | |
| | Loss on Drying | 1.0% max. | 0.13 | 0.14 | 0.04 | | | | | | | |

Table 6: Potassium Bromide Data Lot KBRO-0122-00025-PV 2P/P

| Lot Number | Analyses | Specification | T=0 | T=3 | T=6 | T=9 | T=12 | T=18 | T=24 | T=36 | T=48 | T=60 |
|---------------------------|-------------------------|---------------|--------|--------|--------|------------------------------------|------------------------------------|------------------------------------|------------------------------------|------------------------------------|------------------------------------|------------------------------------|
| KBRO-0122-00025-PV (2P/P) | Absorbance (1M) @ 280nm | Monitor | <0.003 | 0.0021 | 0.0039 | Scheduled to be pulled on 01/04/23 | Scheduled to be pulled on 04/04/23 | Scheduled to be pulled on 10/04/23 | Scheduled to be pulled on 04/04/24 | Scheduled to be pulled on 04/04/25 | Scheduled to be pulled on 04/04/26 | Scheduled to be pulled on 04/04/27 |
| | Absorbance (1M) @ 260nm | Monitor | 0.0013 | 0.0047 | 0.0073 | | | | | | | |
| | Assay | 98.0 – 100.5% | 99.3 | 98.9 | 98.4 | | | | | | | |
| | Limit of Chlorine | 0.6% max. | 0.02 | 0.01 | <0.01 | | | | | | | |
| | Loss on Drying | 1.0% max. | 0.10 | 0.05 | 0.04 | | | | | | | |

Table 7: Potassium Bromide Data Lot KBRO-0122-00026-PV 2P/P

| Lot Number | Analyses | Specification | T=0 | T=3 | T=6 | T=9 | T=12 | T=18 | T=24 | T=36 | T=48 | T=60 |
|---------------------------|-------------------------|---------------|--------|--------|--------|------------------------------------|------------------------------------|------------------------------------|------------------------------------|------------------------------------|------------------------------------|------------------------------------|
| KBRO-0122-00026-PV (2P/P) | Absorbance (1M) @ 280nm | Monitor | <0.003 | 0.0021 | 0.0021 | Scheduled to be pulled on 01/05/23 | Scheduled to be pulled on 04/05/23 | Scheduled to be pulled on 10/05/23 | Scheduled to be pulled on 04/05/24 | Scheduled to be pulled on 04/05/25 | Scheduled to be pulled on 04/05/26 | Scheduled to be pulled on 04/05/27 |
| | Absorbance (1M) @ 260nm | Monitor | 0.0013 | 0.0049 | 0.0054 | | | | | | | |
| | Assay | 98.0 – 100.5% | 98.6 | 98.7 | 98.5 | | | | | | | |
| | Limit of Chlorine | 0.6% max. | <0.01 | <0.01 | 0.01 | | | | | | | |
| | Loss on Drying | 1.0% max. | 0.05 | 0.02 | 0.02 | | | | | | | |