

# Certificate of analysis

Product No.: 39794  
Product: Potassium bromide, FTIR Grade  
Lot No.: S16B815

## Typical Analysis

This material is certified to be suitable for FTIR spectroscopy. The crystal boules from which this powder was ground were grown from ACS grade KBr with low sulfate levels. Samples 8 mm to 14 mm thick of each of the crystals boules from which this powder was ground were tested by transmission for 64 scans at a peak/band detection limit of 1.5 (which is below the Perkin Elmer factory detection setting of 2.0) on a Perkin Elmer Paragon 1000 with DTGS detector and no peaks were detected except CO<sub>2</sub> and H<sub>2</sub>O. Sample testing includes a sample from the top and bottom of each boule but does not involve testing of all the material in the boule. The powder was bottled under low humidity conditions. A sample 13 mm KBr pellet was pressed from a random sample of the material and then tested by transmission at a peak/band detection limit of 1.5 on a Perkin Elmer Paragon 1000 with DTGS detector and no peaks were detected except CO<sub>2</sub> and H<sub>2</sub>O.

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