Certificate of analysis

Product No.: 44077

Product: Bismuth(III) telluride, 99.98% (metals basis)

Lot No.: N08F067

Appearance Powder Purity (metals basis) > 99.98 %

```
Na + K < 1 Zn < 1
ΑI
      < 1
           As < 5
Si
      < 5 Se 10
S
      < 5 Mo < 1
Ca
           Ag < 10
      < 1
Τi
      < 1
           Cd < 1
Cr
      < 1
           ln
               < 1
Mn
      < 1
           Sn < 1
Fe
      < 1
           Sb < 1
           TI
      < 1
               < 1
Ni
      < 50 Pb < 10
Cu
```

Values given in ppm unless otherwise noted All other impurities are less than 1 ppm Analysis method: Mass spectroscopy

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