

# Chem-Impex International, Inc.

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## Product Specifications

# KBr

|                          |                          |
|--------------------------|--------------------------|
| <b>Catalogue Number</b>  | 30154                    |
| <b>Product</b>           | <b>Potassium bromide</b> |
| <b>CAS Number</b>        | 7758-02-3                |
| <b>Molecular Formula</b> | KBr                      |
| <b>Molecular Weight</b>  | 119.1                    |

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|----------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Appearance</b>    | Colorless solid                                                                                                                                                   |
| <b>Melting Point</b> | ~ 730 °C                                                                                                                                                          |
| <b>Heavy Metals</b>  | ≤ 5 ppm (as Pb)                                                                                                                                                   |
| <b>Anion</b>         | Bromate ( $\text{BrO}_3^-$ ) : ≤ 0.001%<br>Chloride ( $\text{Cl}^-$ ) : ≤ 0.2%<br>Iodide ( $\text{I}^-$ ) : ≤ 0.001%<br>Sulfate ( $\text{SO}_4^{2-}$ ) : ≤ 0.005% |
| <b>Cation</b>        | Barium (Ba) : ≤ 0.002%                                                                                                                                            |
| <b>pH</b>            | 5.0 - 8.8 (5% solution at 25 °C)                                                                                                                                  |
| <b>Assay</b>         | ≥ 99%                                                                                                                                                             |
| <b>Storage</b>       | Store at RT                                                                                                                                                       |

**For Laboratory Use Only**