

# barium chloride

|                             |                                   |
|-----------------------------|-----------------------------------|
| <b>Other names:</b>         | Barium dichloride                 |
| <b>Inchi:</b>               | InChI=1S/Ba.2ClH/h;2*1H/q+2;;/p-2 |
| <b>InchiKey:</b>            | WDIHJSXYQDMJHN-UHFFFAOYSA-L       |
| <b>Formula:</b>             | BaCl <sub>2</sub>                 |
| <b>SMILES:</b>              | Cl[Ba]Cl                          |
| <b>Mol. weight [g/mol]:</b> | 208.23                            |
| <b>CAS:</b>                 | 10361-37-2                        |

## Physical Properties

| Property code | Value        | Unit | Source       |
|---------------|--------------|------|--------------|
| ie            | 9.53 ± 0.07  | eV   | NIST Webbook |
| ie            | 9.85         | eV   | NIST Webbook |
| ie            | 9.60         | eV   | NIST Webbook |
| ie            | 9.37         | eV   | NIST Webbook |
| ie            | 10.00        | eV   | NIST Webbook |
| ie            | 10.05 ± 0.02 | eV   | NIST Webbook |
| ie            | 10.00        | eV   | NIST Webbook |

## Sources

**NIST Webbook:** <http://webbook.nist.gov/cgi/cbook.cgi?ID=C10361372&Units=SI>

## Legend

**ie:** Ionization energy

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