

**Product Name:** 2-Amino-6-chloropurine, 99%, Thermo Scientific Chemicals  
**Catalog Number:** A18195.14

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**CAS Number:** 10310-21-1  
**IUPAC Name:** 6-chloro-7H-purin-2-amine  
**Molecular Formula:** C<sub>5</sub>H<sub>4</sub>ClN<sub>5</sub>  
**Molecular Weight:** 169.57  
**InChI Key:** RYYIULNRIVUMTQ-UHFFFAOYSA-N  
**SMILES:** NC1=NC(Cl)=C2NC=NC2=N1  
**Synonym:** 6-chloro-7H-purin-2-amine

### Product Specification

**Appearance (Color):** White to cream or pale yellow  
**Form:** Powder  
**Water Content (Karl Fischer Titration):** <0.5%  
**Assay (Non-aqueous acid-base Titration):** >98.5 to <101.5% (dry wt. basis)  
**Assay (HPLC):** >98.5%

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**Date Of Print:** 07/19/2024

*Product Specifications are subject to amendment and may change over time. Data contained is accurate as of the date printed.*