

**Product Name:** Aluminum perchlorate nonahydrate, Reagent Grade  
**Catalog Number:** 011659.22

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**CAS Number:** 81029-06-3  
**IUPAC Name:** aluminium(3+) nonahydrate triperchlorate  
**Molecular Formula:** AlCl<sub>3</sub>H<sub>18</sub>O<sub>21</sub>  
**Molecular Weight:** 487.45  
**InChI Key:** CYRDFMGMNQJULY-UHFFFAOYSA-K  
**SMILES:** O.O.O.O.O.O.O.O.O.[Al+3].[O-][Cl](=O)(=O)=O.[O-][Cl](=O)(=O)=O.[O-][Cl](=O)(=O)=O  
**Synonym:** aluminium(3+) nonahydrate triperchlorate

## Product Specification

**Impurity content:** 0.1% max

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**Date Of Print:** 08/06/2025

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