

# Aluminum monofluoride

Inchi:	InChI=1S/Al.FH/h;1H/q+1;/p-1
InchiKey:	APURLPHDHPNUFL-UHFFFAOYSA-M
Formula:	AlF
SMILES:	F[Al]
Mol. weight [g/mol]:	45.98
CAS:	13595-82-9

## Physical Properties

Property code	Value	Unit	Source
ie	9.73 ± 0.01	eV	NIST Webbook
ie	9.80	eV	NIST Webbook
ie	9.86 ± 0.05	eV	NIST Webbook
ie	9.00	eV	NIST Webbook
ie	9.20	eV	NIST Webbook
ie	8.90 ± 0.60	eV	NIST Webbook

## Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=C13595829&Units=SI>

## Legend

ie: Ionization energy

Latest version available from:

<https://www.cheméo.com/cid/57-967-6/Aluminum-monofluoride.pdf>

Generated by Cheméo on 2024-04-26 20:03:13.122637331 +0000 UTC m=+16451042.043214651.

Cheméo (<https://www.cheméo.com>) is the biggest free database of chemical and physical data for the process industry.