

024 – ALUMINIUM METAL POWDER, AR GRADE

REF NO: TBL/QA/SS/LC/024	STANDARD SPECIFICATION FOR ALUMINIUM METAL POWDER, AR GRADE	Rev. No: 03
Issue No: 04		Review Date: 31/10/2024
Issue Date: 01/11/2021		Product code: 024

PRODUCT PROPERTIES

C.A.S Number	7429-90-5
Chemical Formula	Al
Formula weight	26.98
Functional Uses	Ultra high purity aluminum is an interesting material for use in many high technology semiconductor applications based on molecular beam epitaxy including IR absorbers and quantum cascade lasers.
Standard Packaging	500 gm

PHYSICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Appearance	Gray colour powder.

CHEMICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Zinc (Zn)	NMT – 0.005%
Iron (Fe)	NMT – 0.3%
Copper (Cu)	NMT – 0.001%
Assay	NLT – 99.0%

NOTE: Please consult the Material Safety Data Sheet for information regarding hazards and safe handling Practices.

