

086– ANTIMONY TRIOXIDE, AR GRADE

Ref No: TBL/QA/SS/LC/086	STANDARD SPECIFICATION FOR ANTIMONY TRIOXIDE, AR GRADE	Rev. No: 03
Issue No: 04		Review Date: 31/10/2024
Issue Date: 01/11/2021		Product code: 086

PRODUCT PROPERTIES

C.A.S Number	1309-64-4
Chemical Formula	Sb ₂ O ₃
Formula weight	291.52
Functional Uses	Selective ammoxidation catalysts for such reactions as conversion of toluene to benzonitrile or propylene to acrylonitrile were prepared by a sol-gel method from V ₂ O ₅ , Sb ₂ O ₃ and high purity hydrogen peroxide.
Standard Packaging	100 gm, 500 gm

PHYSICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Appearance	White color powder.

CHEMICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Chloride (Cl)	NMT – 0.05%
Sulphate (SO ₄)	NMT – 0.01%
Arsenic (As)	NMT – 0.005%
Lead (Pb)	NMT – 0.002%
Copper (Cu)	NMT – 0.01%
Assay	NLT – 99.0%

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

