

2769 – VANADIUM PENTOXIDE, EXTRA PURE

REF NO: TBL/QA/SS/LC/2769	STANDARD SPECIFICATION FOR VANADIUM PENTOXIDE, EXTRA PURE	Rev. No: 03
Issue No: 04		Review Date: 14/11/2024
Issue Date: 15/11/2021		Product code: 2769

PRODUCT PROPERTIES

C.A.S Number	1314-62-1
Chemical Formula	V ₂ O ₅
Formula weight	181.88
Functional Uses	Vanadium Pentoxide is a 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 Kg.

PHYSICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Appearance	Yellow to Red crystalline powder.

CHEMICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Chloride (Cl)	NMT – 0.002%
Phosphate(PO ₄)	NMT – 0.01%
Sulfate(SO ₄)	NMT – 0.01%
Iron(Fe)	NMT – 0.002%
Total Nitrogen(N ₂)	NMT – 0.002%
Assay	NLT – 99.0%

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

