

TIQ-F-QC-003
Rev.00**Technical Data Sheet****AMMONIUM PURPURATE AR**

Murexide, 5,5'-Nitrilodibarbituric Acid, ammonium salt

Product Code	O-5031	Grade	Analytical Reagent
Purity	-	CAS No	3051-09-0
Molecular Formula	C ₈ H ₈ N ₆ O ₆	Molecular Weight	284.19 g/mol
H.S.Code	2933.5990	Shelf Life	60 Months

Physical Properties

Physical state	Powder	Melting point	>300°C
Colour	Dark red		

Packaging

5 gram & 25 gram

Specification

Appearance	White crystalline powder
Assay	99.3 - 108.8 %
Assay (as MoO ₃)	81 - 83 %
Identity	to pass as per USP
Insoluble matter	max 0.005 %
Chloride (Cl)	max 0.002 %
Arsenate,phosphate,silicate (PO ₄)	max 0.001 %

Safety Information and Hazard Symbols

NO GHS

Symbol: not applicable

Signal Word: not applicable

UN No.: not applicable

IMCO Class No.:not applicable

Packing Group: not applicable

Hazardous Statement: H302-H312+H319

Precaution Statement: P264-P270-P280-P301+P312-P302+P352+P312I-P305+P351+P338