

## 1602 – MUREXIDE (Ammonium Purpurate)

REF NO: TBL/QA/SS/LC/1602	<b>STANDARD SPECIFICATION FOR MUREXIDE(Ammonium Purpurate)</b>	Rev. No: 03
Issue No: 04		Review Date: 10/03/2025
Issue Date: 11/03/2022		Product code: 1602

### PRODUCT PROPERTIES

<b>C.A.S Number</b>	3051-09-0
<b>Chemical Formula</b>	C <sub>8</sub> H <sub>8</sub> N <sub>6</sub> O <sub>6</sub>
<b>Formula weight</b>	284.19
<b>Functional Uses</b>	Murexide (ammonium purpurate) is used in analytical chemistry as a complexometric indicator for complexometric titrations, most often of calcium ions, but also for Cu, Ni, Co, Th and rare earth metals.
<b>Standard Packaging</b>	5 gm & 25 gm

### PHYSICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Appearance	Purple – red Powder
Solubility	Soluble in water & Insoluble in alcohol.

### CHEMICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Moisture	NMT – 0.4%
Ash	NMT – 0.2%
Assay	NLT – 98.0%

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

