

## Product Information

### TECHNICAL DATA SHEET / Specification Sheet

#### **Murexide**

Synonym	: Ammonium purpurate
Molecular Formula	: C <sub>8</sub> H <sub>8</sub> N <sub>6</sub> O <sub>6</sub>
Molecular Weight	: 284.19
CAS No.	: 3051-09-0
Colour Index No.	: 56085
Shelf Life	: 5 years

#### **Technical Specification**

Appearance	: Dark red to bordeaux to purple powder
Solubility	: 10 mg soluble in 1 mL of cold water
FTIR (KBr disc)	: Matches with the standard pattern
Absorption maxima (20 ppm in water)	: 520 - 530 nm
Suitability test for complexometric indicator	: Passes test