



## UNISOURCE CHEMICALS PRIVATE LIMITED

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AN ISO 9001:2015 & GMP CERTIFIED COMPANY

### **Product Information**

### **TECHNICAL DATA SHEET / Specification Sheet**

#### **Dimidium Bromide**

Synonym : Trypadine  
Molecular Formula : C<sub>20</sub>H<sub>18</sub>BrN<sub>3</sub>  
Molecular Weight : 380.28  
CAS No. : 518-67-2  
Shelf Life : 5 years

#### **Technical Specification**

APPEARANCE : MAROON TO DARK PURPLE TO BLACK POWDER  
INFRARED SPECTRUM : CONFORMS TO STRUCTURE AND STANDARD AS  
ILLUSTRATED ON PAGE 889C OF EDITION I, VOLUME 2 OF "THE ALDRICH LIBRARY OF FT-IR  
ELEMENTAL ANALYSIS : CARBON 58.0%-65.4%  
: NITROGEN 10.1%-11.4%  
TITRATION : 94.0%-106.0% (WITH SILVER NITRATE)  
THIN-LAYER : CONSISTENT WITH 95% PURITY  
HIGH PRESSURE LIQUID : 94.0%  
SOLUBILITY : 1MG/ML, H<sub>2</sub>O; CLEAR TO SLIGHTLY HAZY  
DARK ORANGE TO RED-ORANGE TO DARK RED SOLUTION