



## UNISOURCE CHEMICALS PRIVATE LIMITED

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AN ISO 9001:2015 & GMP CERTIFIED COMPANY

### **Product Information**

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

#### **Acridine yellow**

Synonym	: 3,6-Diamino-2,7-dimethylacridine hydrochloride
Molecular Formula	: C <sub>15</sub> H <sub>15</sub> N <sub>3</sub> .HCl
Molecular Weight	: 273.76
CAS No	: 135-49-9
Colour Index No	: 46025
Shelf Life	:5 years

#### **Technical Specification**

Appearance	:Yellow to dark brown crystals or powder
Solubility	:20 ppm in alcohol yields clear solution
Absorption maxima	:430 - 460 nm (20 ppm in alcohol)
Extinction coefficient	:>= 30000 (20 ppm in alcohol at 430 - 460 nm)
Loss on drying (at 105°C, 2 hr)	:<= 10.00%