



TriStains

**DAWN SCIENTIFIC**

YOUR SCIENTIFIC PARTNER

ISO 9001:2015 CERTIFIED

## Product Specification

Product : Acridine yellow G  
Catalog# : S10010  
CAS : 135-49-9  
CI number : 46025  
Formula : C<sub>15</sub>H<sub>15</sub>N<sub>3</sub> · HCl  
MW : 273.76

TEST	SPECIFICATION
Appearance	Dark orange to dark brown crystalline powder or powder
Infrared Spectrum	Conforms to structure and standard
Dye content	~90.0%
Lambda max.	439 - 445nm in water
Extinction Coefficient	≥ 30000
Lambda max:	262 -268nm in water
Extinction Coefficient:	≥ 44000
Elemental Analysis :	
Carbon	57.90% - 73.70%
Nitrogen	13.50% - 17.20%
Solubility: (1 mg/ml in H <sub>2</sub> O)	Clear, yellow to orange solution
Loss on Drying:	< 10%

- For laboratory use only.
- The contents of Product specifications are subject to change.
- Storage: For information refer respective product safety data sheet (SDS).

