

Product Information

TECHNICAL DATA SHEET / Specification Sheet

Acridine yellow

Synonym	: 3,6-Diamino-2,7-dimethylacridine hydrochloride
Molecular Formula	: C ₁₅ H ₁₅ N ₃ .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)	: $\leq 10.00\%$