

Specification

Technical Data Sheet

CAS 10127-02-3	STORAGE Ambient	MOLECULAR WEIGHT 438.1
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PRODUCT**Acridine orange (C.I. 46005)**

Product number	25012998
CAS number	10127-02-3
Molecular formula	C ₁₇ H ₂₀ Cl ₃ N ₃ Zn
Molecular weight	438.1 g/mol

PARAMETER	SPECIFICATION
Appearance	Deep yellow/red/ brown powder
Loss on Drying	<10%
Absorption Ratio ($\lambda_{\text{max}}-15\text{nm}/\lambda_{\text{max}}+15\text{nm}$)	0.90 - 1.90
Specific absorption	Min 1200
Wavelength of Max. Absorption	488.0 - 498.0

SPECIFICATION STATEMENT	The values stated above represent the standard specification for this product, issued under Molekula Ltd 's quality management system. Batch-specific results are provided on the Certificate of Analysis.
STORAGE	Store as indicated on the product label, away from light, moisture and incompatible materials.

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