

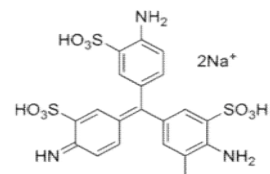
Certificate of Analysis



Product Identification

Catalog number	HB0698
Compound name	Acid Fuchsin
Chemical name	(3E)-3-[(4-amino-3-sulfonatophenyl)-(4-amino-3-sulfophenyl)methylidene]-6-imino-5-methylcyclohexa-1,4-diene-1-sulfonate disodium salt
Batch number	E2222-1-1
Batch molecular formula	C ₂₀ H ₁₇ N ₃ O ₉ S ₃ Na ₂
Batch molecular weight	657.59

Chemical Structure



Method

QC requirement

QC Result

UV/vis max absorption	541-547 nm	Meets specification: 543 nm
Specific Absorbance (1%/1cm)	Greater than 700	Meets specification: 947
FT IR spectrum	Analysis consistent with structure	Meets specification
Physical appearance	Green solid	Meets specification: green solid
Solubility	Soluble in water (1 mg/ml)	Meets specification

Produced by Richard Patterson

Signature

Passed by Steve Roome

Signature

Date

24/04/2023

This product is for RESEARCH USE ONLY and is not intended for therapeutic or diagnostic use. Not for human or veterinary use.