



Specification

Nalidixic Acid

CAS Number: 389-08-2
Molecular Formula: C₁₂H₁₂N₂O₃
Molecular Weight: 232.2
Storage: 15°C - 30°C

Test	Specification
Appearance:	Almost white or pale-yellow crystalline powder
Solubility:	Practically insoluble in water, soluble in Methylene chloride, slightly soluble in acetone and in alcohol. It dissolves in dilute solution of alkali hydroxide.
Melting Point:	225 - 231 oC
Identification (IR Spectrum):	Matches the reference
Absorbance:	≤ 0.01
Heavy Metals :	≤ 20 ppm
Loss on Drying:	≤ 0.5 %
Related Substances (TLC):	Complies
Sulfated Ash:	≤ 0.1 %
Assay (Dry Basis):	99.0 - 101.0 %

Approved:

Date: May 8, 2020

John Grubb, PhD
Gojira Fine Chemicals
Quality Manager
Tel: 440-252-5397, Fax: 888-211-5523
docsupport@gojirafc.com