



Specification

Acid Blue 9

Catalog Number: AB1001
CAS Number: 3844-45-9
Synonym(s): Brilliant Blue FCF, Alphazurine FG, FD&C, BLUE No. 1, Erioglaucine disodium salt
Molecular Formula: $C_{37}H_{34}Na_2N_2O_9S_3$
Molecular Weight: 792.85
Storage: 15°C – 30°C
Retest Date: Five years date of manufacture.

Test	Specification
Appearance	Dark blue to purple granular powder
Total Dye Content (Anhydrous)	≥ 87%
Solubility (1mg/mL, H ₂ O)	Clear to opaque, blue to black solution
Moisture (LOD)	≤ 13%
Water Insoluble Matter	≤ 0.2%
Subsidiary dyes	≤ 3.0%
Dye Intermediates	≤ 1.8%%
Arsenic	≤ 3mg/kg
Lead	≤ 2mg/kg
Mercury	≤ 1mg/kg

Approved by:

John Grubb, PhD
Gojira Fine Chemicals, LLC
Quality Manager
Tel: 440-539-7033 Fax: 888-211-5523
john@gojirafc.com

Date: January 25, 2019