

Certificate of Analysis

Product: FD&C Blue #1 Dye
Item Number: C3765
Grade: FCC
Lot Number: 250120-A
Manufacture Date: 06/20/2024
Expiration Date: 06/19/2027
Country of Origin: India

Tested Property	Specification	Analysis
Description	Deep blue to purple powder	Passes
Total Dye Content, corrected for sample dried for 2Hrs @105°C	≥85%	85.65
Water Insoluble Matter	≤0.2%	0.036
Subsidiary Dyes	≤3.0%	2.25
Dye Intermediates Uncombined	≤1.8%	<0.5
Arsenic (As)	≤3 mg/kg	<3
Mercury (Hg)	≤1 mg/kg	<1
Manganese (Mn)	≤0.01%	<0.01
Chromium (Cr)	≤0.005%	0.002
Lead (Pb)	≤2 mg/kg	≤2
Leuco Base	≤5%	<0.5
Ether Extracts (combined)	To Pass Test	Passes
Volatile Matter @ 135°C, Cl and SO4 (Na Salts)	≤15.0% total	Conforms
Solubility 1mg/ml, Water	Clear to opaque blue to blue black soln	Conforms
Identification	To pass the test	Pass

[FD&C Blue #1 Dye](#)

Note: The information and recommendations of Lab Alley concerning this product are based upon laboratory tests and experience. To the best of our knowledge and belief these are true and accurate, however Lab Alley

Phone: 512-668-9918, Fax: 512-886-4008,
E-mail: customercare@laballey.com,
www.laballey.com.

12501 Pauls Valley Road, Suite A, Austin, Texas 78737.

© copyright: 2025 Lab Alley



assumes no obligation or liability for the information in this document. Since conditions of actual use are beyond our control, any recommendations or suggestions regarding merchantability and fitness for particular purposes are made without warranty, expressed or implied.

Phone: 512-668-9918, Fax: 512-886-4008,
E-mail: customercare@laballey.com,
www.laballey.com.

12501 Pauls Valley Road, Suite A, Austin, Texas 78737.
© copyright: 2025 Lab Alley