

### Certificate of Analysis

**Product: FD&C Blue #1 Dye**  
**Item Number: C3765**  
**Grade: FCC**  
**Lot Number: 241018-M**  
**Manufacture Date: 08/20/2022**  
**Expiration Date: 03/19/2027**  
**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	≥87%	89.12
Water Insoluble Matter	≤0.2%	0.072
Subsidiary Dyes	≤3.0%	1.0
Heavy Metals (as Pb)	≤2 mg/kg	<2
Arsenic (As)	≤3 mg/kg	<3
Mercury (Hg)	≤1 mg/kg	<1
Solubility 1mg/ml, Water	Clear to opaque blue to blue-black soln.	Passes

#### [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 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.

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Phone: 512-668-9918, Fax: 512-886-4008,  
E-mail: [Customerservice@laballey.com](mailto:Customerservice@laballey.com),  
[www.laballey.com](http://www.laballey.com),

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

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