



TECHNICAL DATA SHEET(TDS)
FD&C Blue #1 Dye, FCC Grade Powder
Product Specifications (CAS# 3844-45-9)

Test	Specification	Typical Results
Description	Deep blue to purple powder	Passes
Total Dye Content, corrected for sample, dried for 2Hrs @105°C	Min 85%	89.12%
Water Insoluble Matter	Max 0.2%	0.072%
Subsidiary Dyes	Max 6.0%	1.0%
Heavy Metals (as Pb)	Max 10 mg/kg	<2 mg/kg
Arsenic (As)	Max 3 mg/kg	<3 mg/kg
Mercury (Hg)	≤1 mg/kg	<1 mg/kg
Solubility 1mg/ml, Water	Clear to opaque blue to blue black Soln.	Pass

Appropriate/legal use of this product is the responsibility of the user.

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