

## Certificate of Analysis

(Representative Sample Certificate)

**Product Name:** Violet No. 2 External D&C  
**INCI Name:** CI 60730 (violet no. 2)  
**CAS Number:** 4430-18-6  
**Lot Number:** Not available (data may vary slightly with different lots or batches)  
**Expiration Date:** 6 years from production date

Determination	Method	Found	Unit
Tartrate buffer titration	67	92.43	%
Spectrophotometric	154	93.34	%
Volatile Matter	3	1.77	%
NaCl	4	0.95	%
Na <sub>2</sub> SO <sub>4</sub> by I.C.	5	0.83	%
Water insoluble matter	6	0.1	%
1-Hydroxy-9, 10-Anthracenedion	269	0.03	%
P-Toluidine-M-Sulfonic Acid	270	<0.02	%
P-Toluidine	271	<0.02	%
1,4 DIOH-9,10-Anthracenedion	272	0.08	%
Alizarin Cyanine	273	0.19	%
Mercury	7	PT	ppm
Lead	8	PT	ppm
Arsenic	9	PT	ppm
Mold (CFU/g), TPC (total plate CT, CFU/g), Yeast (CFU/g)	0-500	0	CFU/g

Food and Drug Administration Analytical Results: 42 20166375 Form FDA OMB No. 0910-0216 (10/31/2001)

The above data were obtained using the test indicated and is subject to the deviation inherent in the test method. Results may vary under other test methods or conditions. This report is not to be signed.

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