



## ANALYTICAL CERTIFICATE

A222 Tudor Crocus  
Ext D & C Violet No. 2  
Batch No. TS/35/33  
FDA Lot No. AW 4430

<u>ANALYSIS</u>		<u>RESULT</u>	<u>SPECIFICATION</u>
Pure dye content		94 %	80 % min.
Volatile Matter (@ 135C)	}		
Chlorides and sulphates (Na salts)	}	< 18.0 %	18.0 % max.
Water insoluble matter	<	0.4 %	0.4 % max.
1-hydroxy-9,10-anthracenedione	<	0.2 %	0.2 % max.
1,4-dihydroxy-9,10-anthracenedione	<	0.2 %	0.2 % max.
p-toluidine	<	0.1 %	0.1 % max.
p-toluidine sulphonic acids (Na salt)	<	0.2 %	0.2 % max.
Subsidiary colours	<	1.0 %	1.0 % max.
Lead (Pb)	<	20 ppm	20 ppm max.
Arsenic (As)	<	3 ppm	3 ppm max.
Mercury (Hg)	<	1 ppm	1 ppm max.

## COMMENTS

Date of Manufacture – July 2015

Date of Expiry – July 2020

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