

**CERTIFICATE OF ANALYSIS**  
**FD&C Red No. 40 Aluminum Lake, 14-17%**

<u>Certification:</u>	Each lot is certified by the U.S. Food and Drug Administration to conform with the regulations of the Federal Food, Drug and Cosmetic Acts, as amended.	
<u>Physical Appearance:</u>	Finely ground red powder	
<u>Pure Color Content:</u>	14-17%	
<u>Soluble Chlorides and Sulfates of Sodium:</u>	2.0% maximum	
<u>Inorganic Matter (HCl insoluble):</u>	0.5% maximum	
<u>Lead (as Pb):</u>	0.001% maximum	
<u>Arsenic (as As<sub>2</sub>O<sub>3</sub>):</u>	0.00014% maximum	
<u>Heavy Metals (except Pb and As):</u>	Trace maximum	
<u>Mercury (as Hg):</u>	0.0001% maximum	
<u>Particle Size on 325 Mesh Screen (wet):</u>	0.1% maximum retained	
<u>Microbiological:</u>	APC Yeast & Mold Gram Negative	< 1000 col./gram < 100 col./gram combined Negative
<u>Shelf Life:</u>	Indefinite when stored as recommended (5 years)	
<u>Recommended Storage Conditions:</u>	Store at room temperature in a dry location. Keep container and inner liner tightly closed.	

\* Data based on manufacturer's document

  
\_\_\_\_\_  
Quality Control

