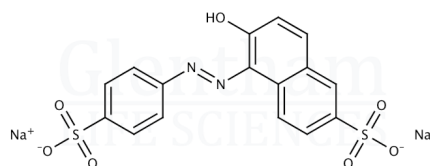


## Certificate of Analysis

Product Name Sunset Yellow FCF  
Glentham Code GT7438  
CAS Number 2783-94-0  
EINECS 220-491-7  
MDL Number MFCD00036437  
PubChem SID 310280438  
Batch Number 215URA

Molecular Weight 452.37  
Molecular Formula  $C_{16}H_{10}N_2Na_2O_7S_2$   
Storage Temp. +20°C



Property	Specification	Batch 215URA
Physical Description	Orange-red, red or dark red powder	Conforms
Solubility	Soluble in water	Conforms
Assay	≥ 85.0% (as is)	87.04%
Volatile Matter	≤ 15.0% (135°C)	12.93%
Water Insoluble Matter	≤ 0.2%	0.024%
Subsidiary Dyes	≤ 5.0%	≤ 2.0%
Dye Intermediates	≤ 0.5%	Conforms
Lead (Pb)	≤ 2ppm	≤ 2ppm
Arsenic (As)	≤ 3ppm	≤ 1ppm
Mercury (Hg)	≤ 1ppm	≤ 1ppm
Cadmium (Cd)	≤ 1ppm	≤ 1ppm

Specification Version v1.0  
Manufacture Date 2015-10-03  
Re-Test Date 2027-10-18

Glentham Life Sciences confirm that the above referenced product conformed to the information displayed in this document on the quality release date. Please check [www.glentham.com](http://www.glentham.com) or contact us using the details above for the current version of this document.

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