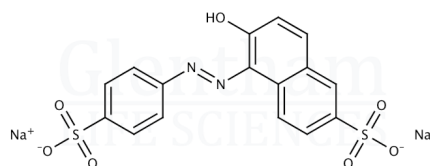


## Certificate of Analysis

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 883LEC

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



Property	Specification	Batch 883LEC
Physical Description	Orange-red, red or dark red powder	Conforms
Solubility	Soluble in water	Conforms
Assay	≥ 85.0% (as is)	88.1%
Volatile Matter	≤ 15.0% (135°C)	9.7%
Water Insoluble Matter	≤ 0.2%	Conforms
Subsidiary Dyes	≤ 5.0%	Conforms
Dye Intermediates	≤ 0.5%	Conforms
Lead (Pb)	≤ 2ppm	Conforms
Arsenic (As)	≤ 3ppm	Conforms
Mercury (Hg)	≤ 1ppm	Conforms
Cadmium (Cd)	≤ 1ppm	Conforms

Specification Version v1.0  
Manufacture Date 2023-12-14  
Re-Test Date 2034-10-28

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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