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## 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

 $\text{Molecular Formula} \qquad \qquad \text{C}_{16} \text{H}_{10} \text{N}_2 \text{Na}_2 \text{O}_7 \text{S}_2$ 

Storage Temp. +20°C

Na<sup>+</sup>-0 S O Na<sup>+</sup>

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 or contact us using the details above for the current version of this document.

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