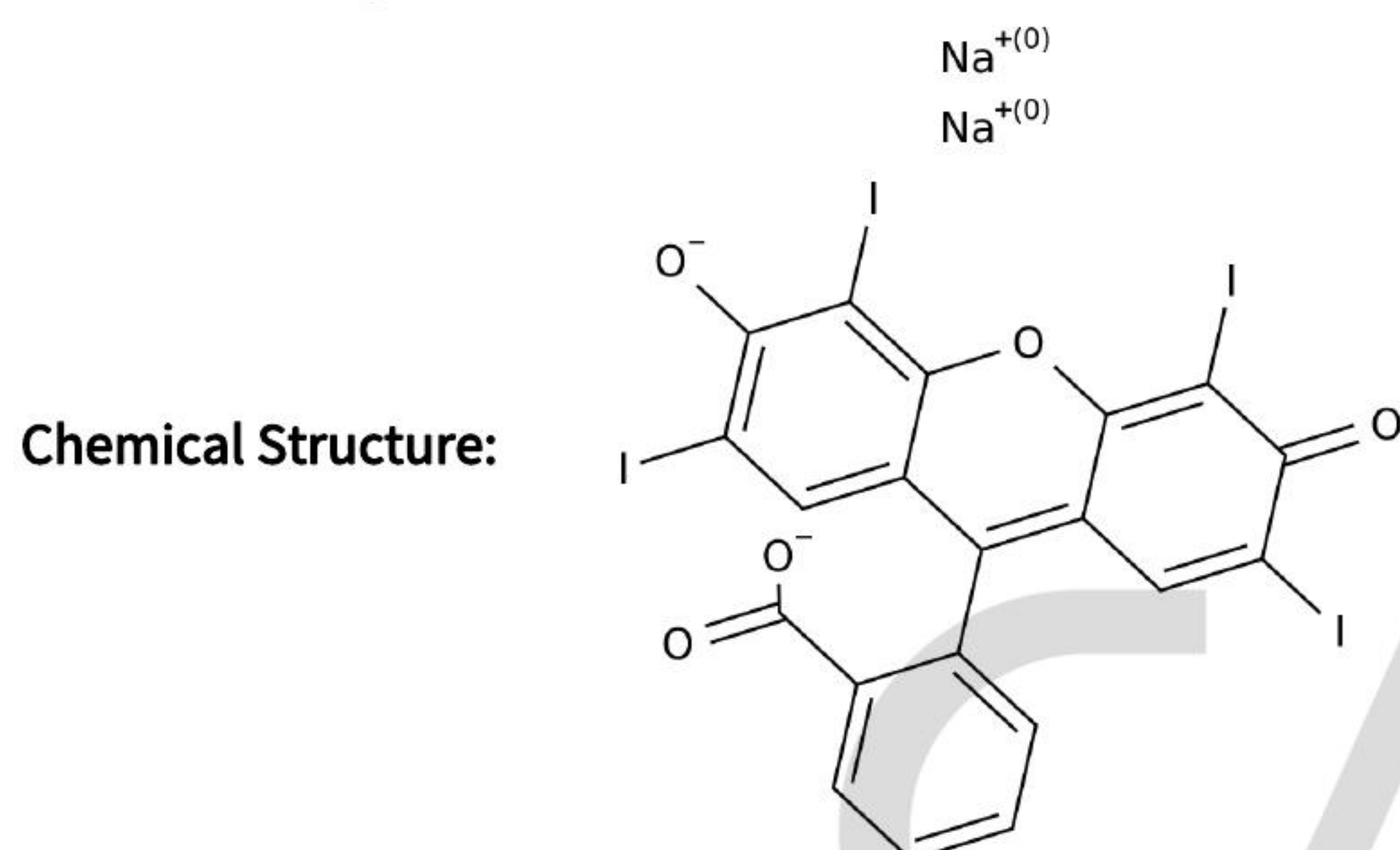


Certificate of Analysis

Reference Material

Product Name:	Acid Red 51	Catalogue Number:	CWLT600185
Chemical Name:	N/A	Lot Number:	0801-RD-0037
CAS Number:	568-63-8	Expiry Date:	Aug 03, 2028
Molecular Formula:	C ₂₀ H ₆ I ₄ O ₅ 2*Na	Storage:	Room Temp Protected from light and Sealed
Molecular Weight:	833.88 2*22.99		



Test Items	Method	Results
Appearance	Visual inspection	Red Powder
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	95.223%
Water Content	Karl Fischer	7.0699%
Assay		88.5%
Uncertainty		±2.0%

Comment:

1. The calculation of the 100% method follows the formula:

Assay (%) = (100% - Water Content) * Purity HPLC (%) / 100%

Water Content is considered as absolute effect, HPLC purity is considered as relative effect.

2. The uncertainty values are the expanded uncertainty and represent an estimated standard deviation equal to the positive square root of the total variation of the uncertainty of components. A normal distribution is assumed and a coverage factor of K=2 is chosen using approximately a 95% confidence level.

Signature:

Prepared by:

Delia

Reviewed by:

Xenia

Aproved by General manager:

David

Date: Aug 04, 2022

Date: Aug 04, 2022

Date: Aug 04, 2022

