

## Product Datasheet

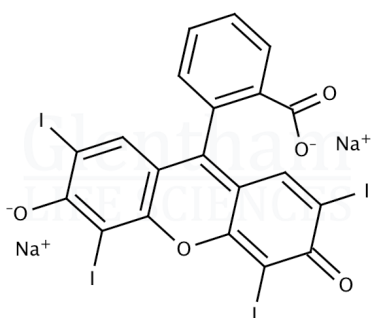
### GT8461 - Erythrosin B sodium salt (C.I. 45430); certified

#### Product Details

Product Name	Erythrosin B sodium salt (C.I. 45430); certified
Glenthams Code	GT8461
CAS Number	16423-68-0
EINECS	240-046-0
Colour Index	45430
MDL Number	MFCD00144257
PubChem SID	310272648
Additional CAS	568-63-8
Related Categories	Biochemicals, Dyes & Stains

#### Structure

Molecular Weight	: 879.87
Molecular Formula	: $C_{20}H_6I_4Na_2O_5$



Hazard Codes	H302, H411
Precautionary Codes	P264, P270, P273
Pictograms	
UN Number, Class, PG (RID)	UN3077 - 9 - PG III

#### Glenthams Product Specification

Physical Description	: Dark red, maroon or brown powder
Solubility (1% in water)	: Clear, red-orange to red solution
Water Insoluble Matter	: $\leq 0.2\%$
Subsidiary Dyes	: $\leq 4.0\%$
Wavelength of Maximum Absorption ( $\lambda_{max}$ )	: 520 - 530 nm
Absorption Ratio ( $\lambda_{max} \pm 15nm$ )	: Reported
pH Transition Range	: 0.0 - 3.5 (yellow to fluorescent red)
Dye Content	: $\geq 80\%$
Notes	: Certified by the Biological Stain Commission
Version	: v1.0

#### About Erythrosin B sodium salt (C.I. 45430); certified

No further details on record.

#### Storage

Recommended storage temperature: +20°C.

#### Hazards and Transport

CLP Classification	Acute Tox. 4, Aquatic Chronic 2
Signal Word	Warning

This document was generated electronically and is therefore valid without signature. © Glenthams Life Sciences Ltd, 2024