

## Product Datasheet

### GT2559 - Rose Bengal (C.I. 45440)

#### Product Details

Product Name	Rose Bengal (C.I. 45440)
Glentham Code	GT2559
CAS Number	632-69-9
EINECS	211-183-3
Colour Index	45440
MDL Number	MFCD00005043
PubChem SID	310279775
Related Categories	Biochemicals, Dyes Stains

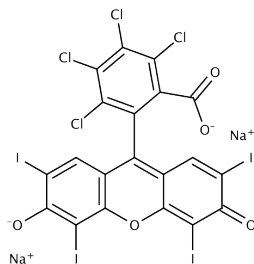
Solubility (0.1% in water)	: Red to dark red solution
Wavelength of Maximum Absorption ( $\lambda_{max}$ )	: 540 - 550 nm (in water + 1ml 1% Na <sub>2</sub> CO <sub>3</sub> )
Absorptivity (1%/1cm)	: $\geq 750$ ( $\lambda_{max}$ )
Loss on Drying	: $\leq 15.0\%$
Dye Content	: $\geq 80.0\%$
Version	: v1.1

#### About Rose Bengal (C.I. 45440)

No further details on record.

#### Structure

Molecular Weight	: 1017.65
Molecular Formula	: C <sub>20</sub> H <sub>2</sub> Cl <sub>4</sub> I <sub>4</sub> Na <sub>2</sub> O <sub>5</sub>



#### Storage

Recommended storage temperature: +20°C.

#### Hazards and Transport

Not classified as hazardous under CLP.  
Not classified as dangerous for transport.

#### Glentham Product Specification

Physical Description : Red to brown powder or crystals

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