

## Product Datasheet

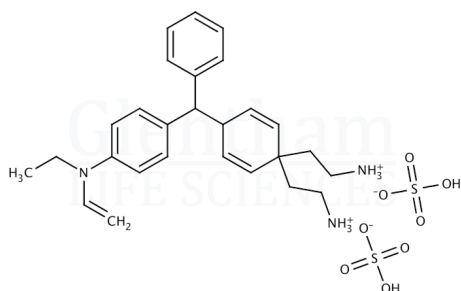
### GT6123 - Brilliant Green (C.I. 42040)

#### Product Details

Product Name	Brilliant Green (C.I. 42040)
Glentham Code	GT6123
CAS Number	633-03-4
EINECS	211-190-1
Colour Index	42040
MDL Number	MFCD00011880
PubChem SID	310268543
Related Categories	Biochemicals, Dyes & Stains

#### Structure

Molecular Weight	: 482.65
Molecular Formula	: C <sub>27</sub> H <sub>34</sub> N <sub>2</sub> O <sub>4</sub> S



#### Storage

Recommended storage temperature: +20°C.

#### Hazards and Transport

Not classified as dangerous for transport.

CLP Classification Skin Irr. 2, Eye Irr. 2A,  
STOT SE 3, STOT SE 3,  
Acute Tox. 4

Signal Word Warning

Hazard Codes H315, H319, H335, H336,  
H302

#### Precautionary Codes

P280, P302+P352,  
P305+P351+P338, P261,  
P301+P312

#### Pictograms



#### Glentham Product Specification

Physical Description	: Green to green-yellow crystalline powder
Dye Content	: ≥ 95% (TiCl <sub>3</sub> titration)
Wavelength of Maximum Absorption	: ~625nm in 50% ethanol
Absorption Ratio	: 0.94 - 1.14 (Lambda max ± 15nm)
Loss on Drying	: ≤ 5.0%
pH Transition Range	: 0.0 - 2.6 (yellow-green)
Version	: v1.0

#### About Brilliant Green (C.I. 42040)

No further details on record.

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