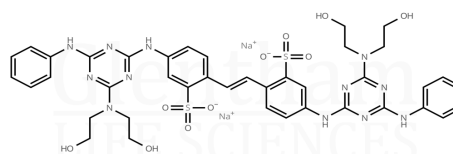


Certificate of Analysis

Product Name Fluorescent Brightener 28 sodium salt
Glentham Code GT5235
CAS Number 4193-55-9
EINECS 224-073-5
MDL Number MFCD00308955
Batch Number 267VGP

Molecular Weight 960.90
Molecular Formula $C_{40}H_{44}N_{12}O_{10}S_2Na_2$
Storage Temp. +20°C



Property	Specification	Batch 267VGP
Physical Description	Yellow to beige powder	Pale yellow powder
Identification (IR)	To conform to standard	Conforms
Solubility (0.1% in water)	Clear, yellow solution	Clear, faint yellow solution
Wavelength of Maximum Absorption	270.0 - 280.0 nm (0.01g/L, 0.1M HCl)	276.5nm
	370.0 - 380.0 nm (0.01g/L, 0.1M HCl)	376.5nm
	235.0 - 245.0 nm (0.01g/L, 0.1M NaOH)	238.5nm
	345.0 - 355.0 nm (0.01g/L, 0.1M NaOH)	349.0nm

Specification Version v1.0
Manufacture Date 2019-03-29
Re-Test Date 2027-03-15

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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