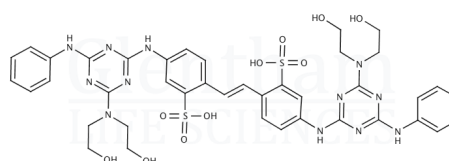


Certificate of Analysis

Product Name Fluorescent Brightener 28
Glentham Code GL8131
CAS Number 4404-43-7
EINECS 224-548-7
MDL Number MFCD00308955
PubChem SID 310273155
Batch Number 215KJH

Molecular Weight 916.98
Molecular Formula $C_{40}H_{44}N_{12}O_{10}S_2$
Storage Temp. +20°C



Property	Specification	Batch 215KJH
Physical Description	Yellow to beige powder	Beige powder
Identification (IR)	To conform to standard	Conforms
Solubility (0.1% in 0.1M NaOH)	Clear, yellow solution	Clear, yellow solution
Wavelength of Maximum Absorption	270.0 - 280.0 nm (0.01g/L, 0.1M HCl)	276.0nm
	370.0 - 380.0 nm (0.01g/L, 0.1M HCl)	376.0nm
	235.0 - 245.0 nm (0.01g/L, 0.1M NaOH)	241.0nm
	345.0 - 355.0 nm (0.01g/L, 0.1M NaOH)	349.0nm

Specification Version v1.2
Manufacture Date 2023-06-07
Re-Test Date 2033-05-30

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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