

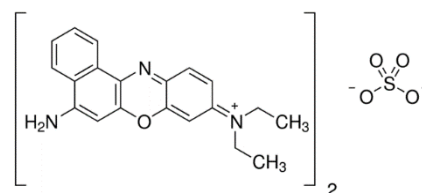


Product Specification

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NILE BLUE SULPHATE FOR MICROSCOPY

PRODUCT CODE	309165
SYNONYMS	(Nile Blue Hydrogen Sulphate)
C.I. NO.	51180
CASR NO.	(3625-57-8)
ATOMIC OR MOLECULAR FORMULA	C ₄₀ H ₄₀ N ₆ O ₆ S
ATOMIC OR MOLECULAR WEIGHT	732.84
PROPERTIES	--



PARAMETER	LIMIT
Dye Content (Spectrophotometry)	Min. 90.0%
Absorption maximum (in ethanol 50%)	635 - 639 nm
Absorption Ratio (A λ _{max} - 15 nm) / (A λ _{max} + 15 nm)	1.02 - 1.16
Absorptivity (A1% / 1 cm at λ _{max} , in ethanol 50%)	1630 - 1820
Suitability for microscopy	To pass the test.

MAXIMUM LIMIT OF IMPURITY

Loss on drying (at 110°C)	8.0%
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Note(s) : Assay (if applicable) method mentioned.

DANGER

Hazard statements : May cause CANCER

Precautionary statements

Prevention : Do not handle until all safety precautions have been read and understood. Use personal protective equipment as required. Obtain special instructions before use.

Response : If exposed or concerned: Get medical attention advice.

Disposal: Dispose of contents and container in accordance with relevant legislation.

IMDG Code :

UN No. :

IATA :

Hazard Pictogram(s) :--



GHS08

Replace date 30-May-2023