

neoFroxx GmbH

Marie-Curie-Str. 3
64683 Einhausen
+49 6251 989 240
coa@neofroxx.com
www.neofroxx.com

Specification

Product	Uranine AP (C.I. 45350) for the examination of subterranean waters
Product number	LC-4404
Synonyms	Fluorescein-sodium
Formula	$C_{20}H_{10}Na_2O_5$
Molecular weight	376.27 g/mol
CAS number	518-47-8
Storage	below 25°C
Retest period (months)	60
Parameter	Specification
Appearance	reddish-brown powder with granular and bright parts
Identity	passes test
Absorption maxima λ_{max} . (buffer pH 8.0)	489 - 491 nm
Molar extinction coefficient (at λ_{max} ; 0.005 g/l; buffer pH 8.0; dried substance)	≥ 1800
Loss on drying (110°C)	$\leq 7 \%$
Einhausen, 06.12.2024	