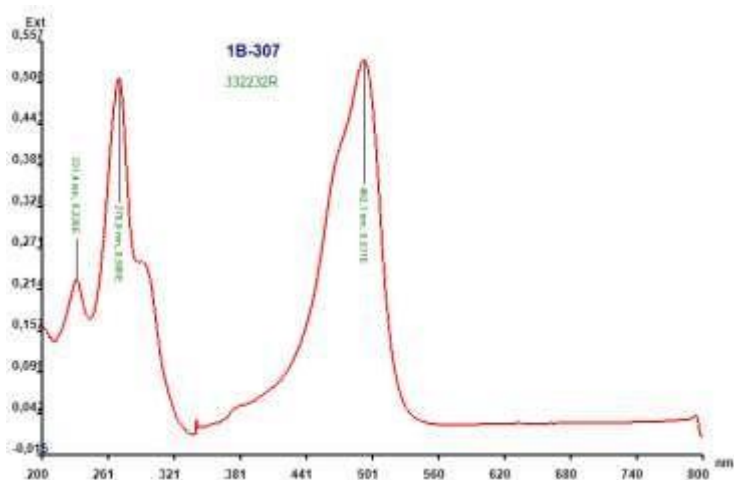


CERTIFICATE OF ANALYSIS

Product name:	Acridine Orange, Euchrysin 3RX (Euchrysine 3RX) Rhodulinorange (Rhoduline Orange)	Formula:	$C_{17}H_{19}N_3 \cdot \frac{1}{2} ZnCl_2 \cdot HCl$
Product code:	1B-307, 1B-309, 1B-311	Molar mass:	369,94 g/mol
Lot number:	332232R	C.I. number:	46005
Shelf life:	10/2024	CAS number:	10127-02-3
		Storage:	+ 5 °C to 25 °C

parameter	specification values	batch values
appearance	fine powder	as specified
colour	red-brown	as specified
absortion maximum λ_{max} (water)	485 – 495 nm	492,1 nm
absorbance A (at λ_{max} ; c=6 mg/l in water; 1 cm)	0,3-0,6	0,531
loss on drying at 110 °C	Max. 25 %	as specified
		evaluation date: 13.10.2021



The batch values are conforming to the specifications.

C. Schlüter
(Production)

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