

neoFroxx GmbH

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Specification

Product	Esculin for biochemistry
Brand	BioFroxx
Product number	1359 (revised)
Synonym(s)	6,7-Dihydroxy-coumarin-6-glucoside, Esculin sequihydrate
Formula	$C_{15}H_{16}O_9 \cdot 1.5 H_2O$
Molecular weight	367.31 g/mol
CAS number	66778-17-4
Storage	below 25°C
Retest period (months)	36
*** research use only ***	
Parameter	Specification
Appearance	white to cream crystalline powder
Assay (photometr.)	97.5 - 102.5 %
$\alpha_{20^\circ C/D; 1.5\%}$, dioxane : water 1:1	-84° to -87°
Heavy metals (as Pb)	max. 0.004 %
Melting point	approx. 215°C (dec.)
Water (K.F.)	6.5 - 8.5 %
Total microorganisms	max. 10 ³ / g

Einhausen, 04.08.2021 (revised)