


Specification



Rhodamine 6G (C.I. 45160)

A5474

Synonym	Basic Red 1, Basic Rhodamine Yellow
Formula	C ₂₈ H ₃₁ ClN ₂ O ₃
M	479.02 g/mol
CAS-No.:	989-38-8
HS-No.:	32041300
EC-No.:	213-584-9
Storage:	RT
LGK:	10 - 13
R:	22-41
S:	22-26-36/37/39
	harmful
WGK:	2
Specification	
Assay (TLC)	ca. 95 %
λ_{max.} (50 % EtOH)	527 - 533 nm
Loss on drying	max. 2 %
Comment	
<p>Rhodamine 6G is a fluorescent probe, which accumulates specifically in mitochondria of whole cells and is used extensively to visualize mitochondrial morphology.</p>	