

Rhodamine 6G, Hi-Cert[®]

GRM1025


Product Identifier

CAS No.	:	989-38-8
EC No.	:	213-584-9
EC Index No	:	613-348-00-9
C.I. No.	:	45160
Molecular Formula	:	C ₂₈ H ₃₁ N ₂ O ₃ Cl
Molecular Weight	:	479.01
Synonym	:	Basic red 1
HS Code	:	3212 90 90
Storage	:	Below 30°C
Shelf life	:	3 years

Technical Specification

Appearance	:	Red to brown to black crystals or powder or solid
Solubility	:	10 ppm in water yields clear solution
FTIR	:	Matches with the standard pattern
Absorption maxima 1	:	527 - 533 nm (10 ppm in water)
Absorption maxima 2	:	346 - 352 nm (10 ppm in water)
Absorption maxima 3	:	275 - 281 nm (10 ppm in water)
Absorption maxima 4	:	246 - 252 nm (10 ppm in water)
Dye content (AT)	:	95.00 - 105.00%

Safety Information

Hazard Pictogram(s)	:	
Signal Word	:	Danger
Hazard Statement(s)	:	H301- H317- H318- H410
Precautionary Statement(s)	:	P261- P273- P280- P301 + 310- P305+P351+P338- P501
UN No.	:	2811
Class	:	6.1
Packing Group	:	III
RTECS	:	DH0175000
WGK	:	3