

Congo red, Hi-Cert™/ACS

GRM508

Product Identifier

CAS No.	:	573-58-0
EC No.	:	209-358-4
C.I. No.	:	22120
Molecular Formula	:	C ₃₂ H ₂₂ Na ₂ N ₆ O ₆ S ₂
Molecular Weight	:	696.66
HS Code	:	3212 90 90
Storage	:	Below 30°C
Shelf life	:	4 years

Technical Specification

Appearance	:	Red to brown powder
Solubility	:	20 ppm in water yields clear to slightly turbid solution
Visual pH Transition	:	pH 3.0 (violet) - pH 5.2 (Orange-red)
Absorption maxima	:	497 - 500 nm (20 ppm in water at pH 5.2)
Loss on drying (at 105°C, 2 hr)	:	<= 8.0%

Safety Information

Hazard Pictogram(s)



Signal Word	:	Danger
Hazard Statement(s)	:	H350- H361d
Precautionary Statement(s)	:	P201- P280- P308 + P313
UN No.	:	Not dangerous goods
Class	:	-
Packing Group	:	-
RTECS	:	QK1400000
WGK	:	3