

Methyl orange, For Molecular Biology

MB341


Product Identifier

CAS No.	:	547-58-0
EC No.	:	208-925-3
C.I. No.	:	13025
Molecular Formula	:	C ₁₄ H ₁₄ N ₃ NaO ₃ S
Molecular Weight	:	327.33
HS Code	:	2927 00 90
Storage	:	Below 30°C
Shelf life	:	4 years

Technical Specification

Appearance	:	Orange-yellow to orange crystals or powder or solid
Solubility	:	10 ppm in 1N hydrochloric acid yields clear solution
DNases	:	None detected
RNases	:	None detected
Clarity of solution	:	Passes test
Visual pH Transition	:	pH 3.0 (pink or red) - pH 4.4 (yellow orange)
Loss on drying (at 110°C, 1 hr)	:	<= 5.0%
Absorption maxima	:	502 - 512 nm (10 ppm in 1N HCl)

Safety Information

Hazard Pictogram(s)	:	
Signal Word	:	Danger
Hazard Statement(s)	:	H301
Precautionary Statement(s)	:	P264- P270- P301 + 310- P405- P501
UN No.	:	3143
Class	:	6.1
Packing Group	:	III
WGK	:	1