
Thymol blue, Free acid, Practical grade

GRM1433

Product Identifier

CAS No.	:	76-61-9
EC No.	:	200-973-3
Molecular Formula	:	C ₂₇ H ₃₀ O ₅ S
Molecular Weight	:	466.59
HS Code	:	2934 99 90
Storage	:	Below 30°C
Shelf life	:	4 years

Technical Specification

Appearance	:	Green to brown or very dark purple or brownish-green or red-brown solid or crystals or powder
Solubility	:	20 ppm in 0.1N sodium hydroxide gives clear solution
Visual pH Transition	:	pH 1.20 (pink) - pH 2.80 (yellow) pH 8.00 (yellow) - pH 9.20 (blue)
Absorption maxima 1	:	595 - 599 nm (20 ppm in 0.1N NaOH)
Absorption maxima 2	:	298 - 302 nm (20 ppm in 0.1N NaOH)
Absorption maxima 3	:	378 - 382 nm (20 ppm in 0.1N NaOH)
Loss on drying (at 110°C, 1 hr)	:	<= 10.00%

Safety Information

UN No.	:	Not dangerous goods
Class	:	-
Packing Group	:	-
RTECS	:	Not available
WGK	:	1