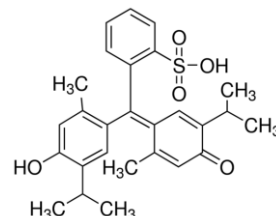


**Department: Quality Control**
**Document No: LCPL/QSD/QAD/11**
**SOP No.: SOP/QC/11-T033**
**SPECIFICATION : THYMOL BLUE AR (POWDER) (pH INDICATOR)**

Issue date	23/04/2018	Review date	22/04/2018	Location	All Units
Version No.:	00	Supersedes	--	Page No	1 of 1

### PRODUCT DETAILS

1	Molecular Formula	C <sub>27</sub> H <sub>30</sub> O <sub>5</sub> S
2	Product code	T033
3	Molecular weight	466.59
4	CAS No	76-61-9
5	Risk Statement No	---
6	Safety Statement No	---
7	UN No.	---



### PACKING DETAILS

	Product code	Pack size
1	T03305	25g
2	T03307	100g

### PRODUCT SPECIFICATION

#### SL. No. TEST PARAMETERS

#### LIMITS

1	Description	Brownish green crystalline powder.
2	Clarity	Solution of 0.1 g in 100 ml of ethyl alcohol.
3	pH Range 1.2-2.8 (Red-Yellow)	Passes test
4	pH Range 8.0-9.6 (Yellow-Blue)	Passes test
5	Sensitivity	Passes test
6	<u>Absorption maxima</u>	
	pH 1.2	543 - 552 nm
	pH 2.8	430 - 436 nm
	pH 7.8	430 - 436 nm
	pH 9.5	598 - 610 nm
7	Residue on ignition	Not more than 1.0 %
8	Loss on drying (at 110°C)	Not more than 5.00%

### SAFETY SYMBOLS