

## CERTIFICATE OF ANALYSIS

PRODUCT NAME: Methylthymol Blue Sodium Salt,AR

ITEM NUMBER: M108748  
BRAND: Aladdin  
CAS NUMBER: 1945-77-3  
MDL NUMBER: MFCD00148905  
FORMULA: C<sub>37</sub>H<sub>40</sub>N<sub>2</sub>Na<sub>4</sub>O<sub>13</sub>S  
MOLECULAR WEIGHT: 844.74

TEST	SPECIFICATION		TARGET VALUE
	MIN.	MAX.	
Absorbance (dry basis)			>=0.4
Appearance	Green to very dark green powder or crystals		
Infrared spectrum	Conforms to Structure		
Loss on drying	0 %	10 %	10 %
Sensitiveness	pass		
Sulfated ash	30 %	35 %	35 %