

CERTIFICATE OF ANALYSIS

PRODUCT NAME: Pyrocatechol violet, Indicator

ITEM NUMBER: P105016
BRAND: Aladdin
CAS NUMBER: 115-41-3
MDL NUMBER: MFCD00005868
FORMULA: C₁₉H₁₄O₇S
MOLECULAR WEIGHT: 386.38

TEST	SPECIFICATION		TARGET VALUE
	MIN.	MAX.	
Absorbance(E1%1cm) (MeOH, 442.0 to 445.0 nm)(calcd.on dried			>=400
Appearance	green to brown powder		
Infrared spectrometry	Conforms to Structure		
Lambda max.(MeOH)	442 nm	445 nm	445 nm
Loss on drying	0 %	10 %	10 %
Sensitivity to pH indicator	Pass		
Solubility	Red to Brown(1 mg/mL, H ₂ O)		
Test as an indicator for EDTA titrations	Pass		