



## CERTIFICATE OF ANALYSIS

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Product	Methyl red (acid red 2)
Grade	Indicator Grade
Product Code	MB0627
Formula	$C_{15}H_{15}N_3O_2$
MW	269.3
CAS#	493-52-7
Lot #	

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Test Items	Specifications	Results
Appearance	Red to maroon powder	
Melting Point	179-182°C	
Clarity of Alcohol Solution	To Passes Test	
Loss on Drying	<3.0%	
Visual Transition Interval	4.5(pink)-6.2(yellow)	
Absorptivity 1%/1cm	To Pass Test	
(pH 6.2) at $\lambda_{max}$ 437nm	>700	
(pH 4.2) at $\lambda_{max}$ 591nm	>1300	

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Storage: Store at room temperature.