

CERTIFICATE OF ANALYSIS

PRODUCT NAME: Phenolphthalein,98%

ITEM NUMBER: P108715
BRAND: Aladdin
CAS NUMBER: 77-09-8
MDL NUMBER: MFCD00005913
FORMULA: C₂₀H₁₄O₄
MOLECULAR WEIGHT: 318.32

TEST	SPECIFICATION		TARGET VALUE
	MIN.	MAX.	
Appearance	White to Off-White Powder		
Chloride(Cl)	0 ppm	100 ppm	100 ppm
Heavy metals (as Pb)	0 ppm	10 ppm	10 ppm
Infrared spectrum	Conforms to Structure		
Loss on drying	0 %	0.5 %	0.5 %
Melting point	258 ° C	263 ° C	263 ° C
Purity(HPLC)	98 %	100 %	100 %
Solubility in hot EtOH(95vol%)	almost transparency		
Sulfate(SO ₄)	0 ppm	200 ppm	200 ppm
Sulfated ash	0 %	0.1 %	0.1 %
Transition interval(pH)	7.8	10	10