

## CERTIFICATE OF ANALYSIS

PRODUCT NAME: p-Nitrotoluene Standard,99%

ITEM NUMBER: N104645  
BRAND: Aladdin  
CAS NUMBER: 99-99-0  
MDL NUMBER: MFCD00007366  
FORMULA: C7H7NO2  
MOLECULAR WEIGHT: 137.14

TEST	SPECIFICATION		TARGET VALUE
	MIN.	MAX.	
Appearance	yellow crystals		
Carbon elemental analysis	60.4 %	62.2 %	62.2 %
Infrared spectrum	Conforms to Structure		
Melting point	51 ° C	55 ° C	55 ° C
Nitrogen elemental analysis	9.9 %	10.5 %	10.5 %
Purity(GC)	99 %	100 %	100 %
solubility in Methanol	almost transparency		