

## CERTIFICATE OF ANALYSIS

PRODUCT NAME: Diphenylamine sulfate,98%

ITEM NUMBER: D113465  
BRAND: Aladdin  
CAS NUMBER: 587-84-8  
MDL NUMBER: MFCD00042016  
FORMULA: C<sub>12</sub>H<sub>11</sub>N · H<sub>2</sub>SO<sub>4</sub>  
MOLECULAR WEIGHT: 267.29

TEST	SPECIFICATION		TARGET VALUE
	MIN.	MAX.	
Appearance	White or off-white powder		
Infrared spectrum	Conforms to Structure		
Melting point	147 ° C	152 ° C	152 ° C
Purity(HPLC)	98 %	100 %	100 %
Purity(neutralization titration)	97.5 %	102.5 %	102.5 %
Solubility in Methanol	almost transparency		