

CERTIFICATE OF ANALYSIS

PRODUCT NAME: D-(-)- α-Phenylglycine,99%

ITEM NUMBER: P109235
BRAND: Aladdin
CAS NUMBER: 875-74-1
MDL NUMBER: MFCD00008061
FORMULA: C₈H₉NO₂
MOLECULAR WEIGHT: 151.16

TEST	SPECIFICATION		TARGET VALUE
	MIN.	MAX.	
Appearance	White to Off-White Powder or Crystals		
Infrared spectrum	Conforms to Structure		
Purity(neutralization titration)	98.5 %	101.5 %	101.5 %
Solubility in 1mol/L NaOH	almost transparency		
Specific rotation [α] ₂₀ /D(C=1 in 1N HCl)	-154 °	158 °	-158 °
UV absorption : 420 nm A	0	0.03	0.03
Water by Karl Fischer	0 %	0.1 %	0.1 %