

## CERTIFICATE OF ANALYSIS

PRODUCT NAME: Polyethylene glycol,average Mn 6000

ITEM NUMBER: P103725  
BRAND: Aladdin  
CAS NUMBER: 25322-68-3  
MDL NUMBER: MFCD00081839  
FORMULA: HO(CH<sub>2</sub>CH<sub>2</sub>O)<sub>n</sub>H  
MOLECULAR WEIGHT:

TEST	SPECIFICATION		TARGET VALUE
	MIN.	MAX.	
Appearance	Colorless or White Powder or Crystals or Flakes		
Ethyleneoxide	0 ppm	1 ppm	1 ppm
Hydroxyl value	16 mgKOH/g /	22 mgKOH/g /	22 mgKOH/g /
Melting point	62 ° C	65 ° C	65 ° C
Molecular Number	5400	7800	7800
pH(50 g/L,25 ° C)	5	8	8
Residue ignition	0 %	0.2 %	0.2 %
Solubility in Water	almost transparency		
Viscosity	10.5 mm <sup>2</sup> /s /	16.5 mm <sup>2</sup> /s /	16.5 mm <sup>2</sup> /s /
Water by Karl Fischer	0 %	1 %	1 %