

CERTIFICATE OF ANALYSIS

PRODUCT NAME: Polyethylene glycol,average Mn 300

ITEM NUMBER: P103728
BRAND: Aladdin
CAS NUMBER: 25322-68-3
MDL NUMBER: MFCD00081839
FORMULA: $C_{2n}H_{4n+2}O_{n+1}$
MOLECULAR WEIGHT: 44.05

TEST	SPECIFICATION		TARGET VALUE
	MIN.	MAX.	
Appearance	Colorless liquid		
Average molecular weight	290	305	300
Infrared spectrum	Conforms to Structure		
pH(c=5%,water)	4.5	7.5	7.5
Refractive index n ₂₀ /D	1.463	1.466	1.466
Specific gravity (20/20 ° C)	1.125	1.129	1.129