

ALADDIN SCIENTIFIC CORPORATION  
14078 Meridian Parkway, Riverside, CA. 92518

### Certificate of Analysis

Date of Testing: 2025-05-12 15:58:43  
Date of Next Testing: 2029-05-11 15:58:43  
Product Name: **Poly (hexamethylene biguanide) hydrochloride (PHMB)**  
CAS Number: 32289-58-0  
Specifications & Purity: 20% in H2O  
Lot #: E2507556  
SKU #: **P770156**  
Version: **1**  
Analysis #: **504965**  
Storage Temperature: Room temperature, Desiccated

Parameter	Limit Values	Result
Solid Content	18-22 (%)	19.55495 %
PH(0.1%aqueous solution,25°C)	4.5-6.5	5.87000
Specific gravity (20/20°C)	1.03-1.05	1.04270
Appearance(P770156)	Colorless to yellowish clear liquid	Colorless to yellowish clear liquid



John Su  
QA & QC Manager