

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-05-12 16:01:20

Date of Next Testing: 2029-05-11 16:01:20

Product Name: **Poly (hexamethylene biguanide) hydrochloride (PHMB)**

CAS Number: 32289-58-0

Specifications & Purity: 20% in H<sub>2</sub>O

Lot #: E2507562

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