

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2026-06-10 13:56:35

Date of Next Testing: 2030-06-09 13:56:35

Product Name: **Polyquaternium - 11**

CAS Number: 53633-54-8

Specifications & Purity: 20 wt. % in H₂O

Lot #: E2628531

SKU #: **P101212**

Version: **2**

Analysis #: **699059**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
PH at 25°C(5% in water)	5.5-8.5	5.77000
Solid Content	19-21 (%)	21.00000 %
Viscosity(25 °C,neat)	20000-60000 (cP)	20000.00000 cP
Miscellaneous Assay(Vinylpyrrolidone)	0-1 (%)	0.00000 %
Appearance (P101212)	Colorless Viscous Liquid , May be Hazy	Colorless Viscous Liquid , May be Hazy
Solvent(H ₂ O)	Conform	Conform
Biological Stain Test	Pass	Pass
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager