

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-03-12 16:18:30  
Date of Next Testing: 2027-03-12 16:18:30  
Product Name: **POLYSTYRENE-B-POLYBUTADIENE-B-POLYSTYRENE**  
CAS Number: 9003-55-8  
Specifications & Purity:  
Lot #: F2105287  
SKU #: **P304889**  
**Analysis:** **329445**  
Storage Temperature: Room temperature

Parameter	Limit Values	Result
Volatiles	0-0.9 (%)	0.34 %
Ash	0-0.4 (%)	0.16 %
Organic Acid	4.50-6.75 (%)	5.70000 %
Soap content	0-0.4 (%)	0.01 %
Styrene	22.5-24.5 (%)	23.20000 %
Mooney viscosity (50ml(1+4) 100°C)	44-56	49.00000
Stress at definite elongation (145°C* 35min)	Ma±2.5 (Mpa)	20.90000 Mpa
Tensile strength (145°C* 35min)	≥23.5 (Mpa)	25.80000 Mpa
Elongation at break (145°C* 35min)	≥340 (%)	356.00000 %



John Su  
QA & QC Manager