



Certificate of Analysis

PEG 35,000

Catalog Number: PE1005
Lot Number: 1214601
CAS Number: 25322-68-3
Molecular Formula: $\text{H}(\text{OCH}_2\text{CH}_2)_n\text{OH}$
Molecular Weight: 35,000
Storage: 15°C – 30°C
Retest Date: December 20, 2017

Test	Specification	Result
Appearance	Colorless to white powder to fine flakes	Conforms
Identification (FTIR)	To match spectra	Conforms
Molecular Weight	25,000 – 45,000 (calculated from hydroxyl value)	Conforms
Melting Point	64°C – 66°C	66°C
Viscosity	11,000 – 14,000MPAS	12,000MPAS
Solubility (100mg/mL)	Clear, colorless solution in warm water	Conforms
Hydroxyl Value	2.5 – 4.5mg KOH/g	3.5mg KOH/g
Moisture	≤1.0%	0.06%

Approved by:

Date: December 20, 2016

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