



Certificate of Analysis

Ficoll 400

Catalog Number: FC1005
Lot Number: Typical-617
CAS Number: 26873-85-8
Synonym(s): Polysucrose
Molecular Weight: 400,000
Storage: 15°C – 30°C
Date of Manufacture: June 5, 2018
Retest Date: July 1, 2021

Test	Specification	Result
Appearance	White, odorless powder	Conforms
Assay	≥ 99.0%	99.3%
Identity	Positive	+55
Specific Optical Rotation	+53° to +59°	Conforms
Intrinsic Viscosity	14 - 20	17
Moisture (LOD)	≤ 6.1%	0.4%
Sulfated Ash	≤ 0.3%	0.1%
Chloride	≤ 500ppm	55ppm
pH (10%)	5.0 – 8.0	7.0
Sterilization	To pass test	Conforms
Protease	Not detected	Conforms
DNase	Not detected	Conforms
RNase	Not detected	Conforms

Approved by:

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