## Certificate of Analysis

Product:Ficoll ${ }^{\text {TM }}$ PM70
Lot No: 10297022

| Test/Characteristic: | Limit: | Result: |
| :---: | :---: | :---: |
| Specific optical rotation, ( $\alpha$ )D degrees | +50 to +65 | 57 |
| Weight average molecular weight |  |  |
| Mr | 60-000-80 000 | 77531 |
| Loss on drying |  |  |
| \% | max. 5 | 3 |
| Absorbance |  |  |
|  | max. 0.05 | 0.02 |
| Sodium chloride |  |  |
| \% | max. 1.0 | 0.0 |
| Endotoxin activity |  |  |
| EU/mg | max. 0.12 | <0.12 |
| Microbial contamination |  |  |
| Colony Forming Units / g | max. 100 | 1 |

Manufactured in compliance with our ISO 9001 certified quality management system. No animal derived material is used in raw materials or in the manufacture of this product.

| Approval Date (Year-Month-Day): 2020-07-10 | Expiry Date (Year-Month): 2023-11 Manufacturing Date (Year-Month): 2018-11 |
| :---: | :---: |
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| Cytiva Sweden AB <br> Björkgatan 30 <br> SE-751 84 Uppsala, Sweden | Issued (Year-Month-day): 2020-10-05 by Quality Assurance |
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