



Lipidure®-CM5206 Powder

CERTIFICATE OF ANALYSIS

Date APR. 24, 2014

Trade name : Lipidure-CM5206

Lot # 130521

Appearance White powder or small lump

Hiroyuki Nomura
Signature of QC Manager

| Property | Specification | Analysis Result |
|--------------------------------------|---------------|-----------------|
| Identification / IR Spectrum | Adaptation | Adaptation |
| Viscosity (25°C) (cSt) | 30 - 120 | 54 |
| Copolymerization ratio of MPC (mol%) | 25 - 35 | 30 |

Ordering Details

| Code | Description | Pack | Storage |
|--------------------|--------------------------------------|-------|--------------------|
| AMS.52000011GB1G | Lipidure-CM5206 (White powder), 1g | 1 g | Room Temperature |
| AMS.52000012GB10G | Lipidure-CM5206 (White powder), 10g | 10 g | Room Temperature |
| AMS.52000012GB100G | Lipidure-CM5206 (White powder), 100g | 100 g | Room Temperature e |

Lipidure-Coated plates and dishes also available up to 384-well format – see www.amsbio.com/Lipidure-Coat.aspx

AMSBIO | www.amsbio.com | info@amsbio.com

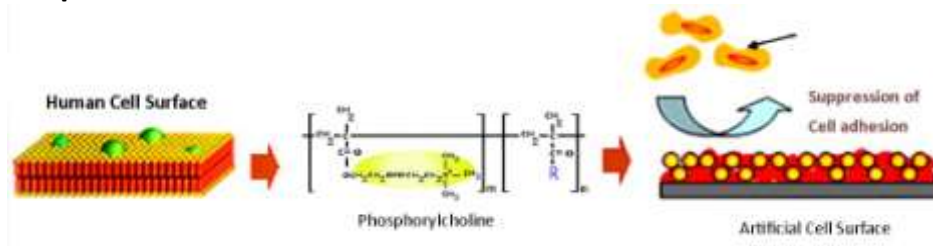
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How Does Lipidure®-COAT Work?



- 1. Low-adhesion surface promotes cell aggregation & spheroid formation.
- 2. Uses MPC Polymer: a biocompatible polymer containing Phosphorylcholine (which is found in cell membranes).
- 3. Completely synthetic, containing no substances of biological origin.

Coating Protocol:

1. Dissolve Lipidure®-CM in ethanol and prepare a 0.5wt% ethanol solution.
2. Dip the base material into the coating solution for 1 min
(or place Lipidure solution on substrate and coat evenly)
3. Dry the coated material at room temperature or one hour at 50°C.

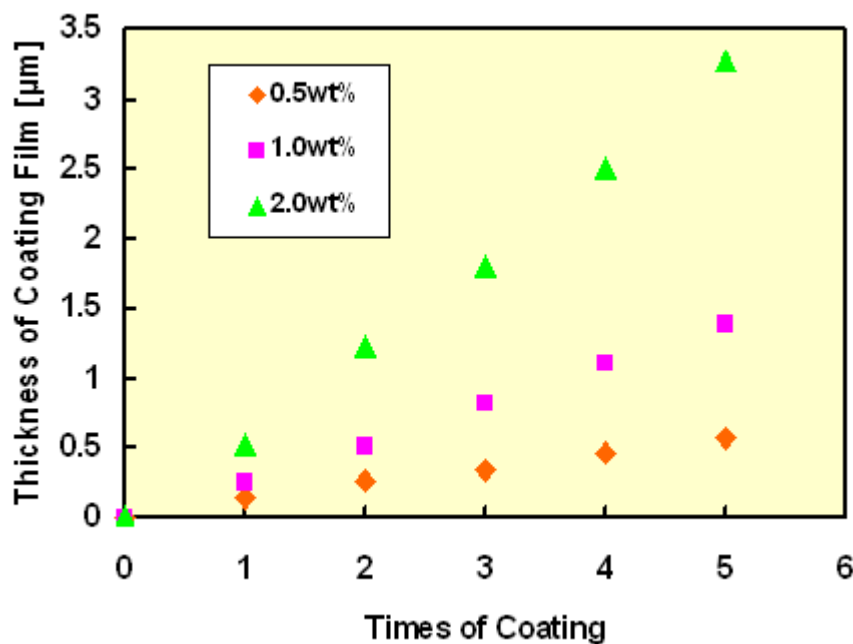
Once reconstituted, the solution can be stored at room temperature. It is best to reconstitute in a glass container (rather than plastic), as some plastic might bleed from plastic container into Lipidure solution.

Lipidure®-CM can be coated on the following substrates:

Plastics (PET, PMMA, PSt, PU, PC, PE, PP)

Glass, Ceramics and Metals (SUS, titanium, gold)

Relationship between number of times coating was applied and thickness of coating film



Lipidure is a registered trademark of NOF Corporation

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