

# Lipidure®-CM5206 Powder

## CERTIFICATE OF ANALYSIS

Date SEP. 26. 2013

Trade name : Lipidure-CM5206

Lot # 130521

Appearance White powder or small lump

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](http://www.amsbio.com/Lipidure-Coat.aspx)

AMSBIO | [www.amsbio.com](http://www.amsbio.com) | [info@amsbio.com](mailto:info@amsbio.com)

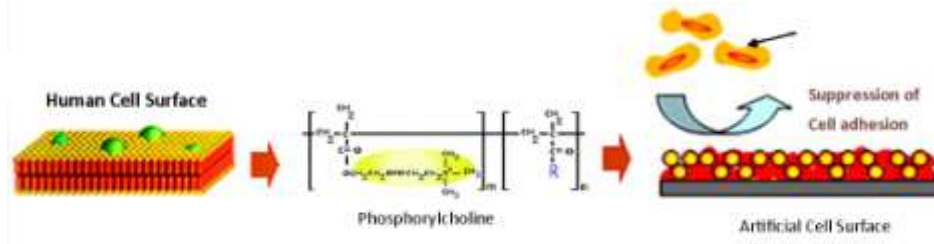
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## How Does Lipidure®-COAT Work?



- 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:

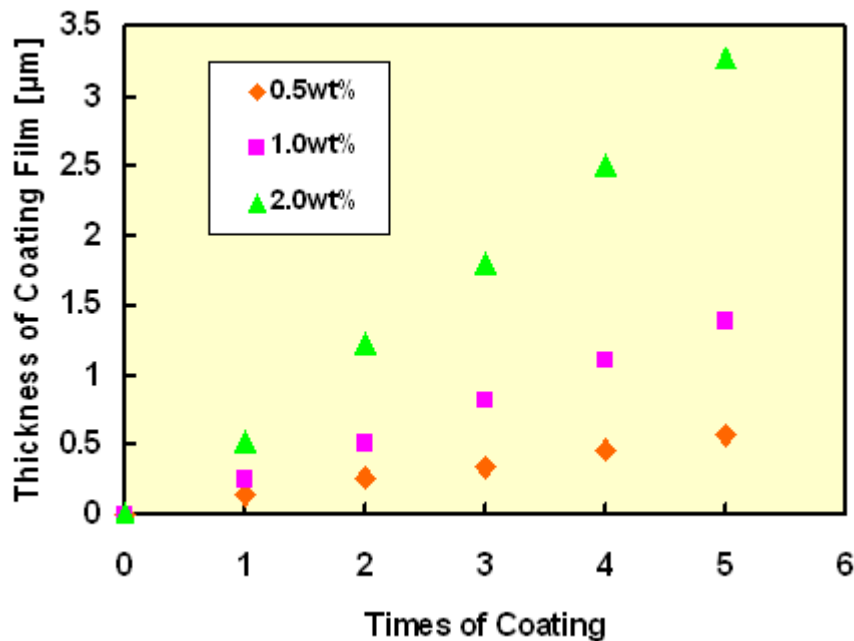
1. Dissolve Lipidure®-CM in ethanol and prepare a 0.5wt% ethanol solution.
2. Dip the base material into the coating solution for 1 min (or place Lipidure solution on substrate and coat evenly)
3. Dry the coated material at room temperature or one hour at 50°C.

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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