



SAFETY DATA SHEET

REVISION DATE: 13 April 2017

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Section 1 – PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: NGS CF Control Panel G211
SYNONYMS: N/A
PRODUCT CODES: G211

<u>Components (1 tube of each)</u>	<u>P/N</u>	<u>Description</u>
NGS CF Control Tube A	G211A	Plasmid DNA (1 x 10 ⁸ copies/mL), 50 µL
NGS CF Control Tube B	G211B	Plasmid DNA (1 x 10 ⁸ copies/mL), 50 µL
NGS CF Control Tube C	G211C	Plasmid DNA (1 x 10 ⁸ copies/mL), 50 µL
NGS CF Control Tube D	G211D	Plasmid DNA (1 x 10 ⁸ copies/mL), 50 µL
NGS CF Control Tube E	G211E	Plasmid DNA (1 x 10 ⁸ copies/mL), 50 µL
NGS CF Control Tube F	G211F	Plasmid DNA (1 x 10 ⁸ copies/mL), 50 µL

USE OF THE SUBSTANCE PREPARATION: The NGS CF Control Panel G211 is intended for *in vitro* use as a quality control to monitor the analytical performance of library preparation, sequencing and data analysis associated with Next Generation Sequencing for identifying variants within the CFTR gene.

DETAILS OF THE SUPPLIER OF THE SAFETY DATA SHEET AND MANUFACTURER NAME AND ADDRESS:

Maine Molecular Quality Controls, Inc (MMQCI)	Manufacturer Phone Number	Manufacturer Fax Number
23 Mill Brook Road	207-885-1072	207-885-1079
Saco, Maine 04072 (USA)		
E-mail: info@mmqci.com		
www.mmqci.com		
Emergency telephone number: 207-885-1072		

Section 2 – HAZARD(S) IDENTIFICATION

HAZARDOUS INGREDIENTS: None

Classification: Void

Section 3 – COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Characterization (Hazardous Chemical Ingredients): None

Dangerous Components According to EC Criteria: None

Section 4 – FIRST AID MEASURES

General: No emergency care is anticipated.

In all cases of doubt or when symptoms occur, do the following:

Inhalation: Remove affected person to fresh air. Seek medical attention if breathing becomes difficult or if cough or other symptoms develop.

Ingestion: Rinse mouth with water. Seek medical attention if signs of toxicity occur.

Skin: Remove contaminated clothing. Wash affected area with plenty of soap and water. Seek medical attention if irritation develops.

Eyes: Rinse immediately with plenty of water. Remove contact lenses if worn. Seek medical attention if redness or irritation develops.

Section 5 – FIRE FIGHTING MEASURES

Flash Point (Method Used): N/A

Extinguishing Media: N/A

Auto-ignition Temperature: N/A

Special Fire Hazards: N/A

Explosion Hazards: N/A



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Section 6 – ACCIDENTAL RELEASE MEASURES

Personal Precautions: Wear appropriate protective clothing.
Steps to be Taken in Case Material is Released or Spilled: Wipe up with appropriate absorbent material.
Waste Disposal Method: Normal disposal container

Section 7 – HANDLING AND STORAGE

Handling: Handle per package insert instructions.
Storage: Store at -20°C or colder.

Section 8 – EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Limit Values: None

Exposure Controls: None

PERSONAL PROTECTIVE EQUIPMENT:

Respiratory Protection:	None required	Eye Protection:	Safety glasses
Skin Protection:	Lab coat, gloves	Work / Hygiene Practices:	Standard laboratory precautions
Ventilation:	Normal	Other Protective Equipment:	None required

Section 9 – PHYSICAL AND CHEMICAL PROPERTIES

Component:	N/A	Specific Gravity (H₂O = 1):	N/A
Boiling Point:	N/A	Evaporation Rate (Butyl Acetate = 1):	N/A
Melting Point:	N/A	Solubility in Water:	N/A
Vapor Density (AIR = 1):	N/A	pH:	N/A
Vapor Pressure (mmHg):	N/A	Odor:	N/A
Appearance:	N/A		

Section 10 – STABILITY AND REACTIVITY

Stability: N/A
Incompatibility (Materials to avoid): N/A
Hazardous Decomposition or Byproducts: N/A
Conditions to Avoid: N/A
Hazardous Polymerization: N/A

Section 11 – TOXICOLOGICAL INFORMATION

Routes of Entry: N/A
Health Hazards (Acute and Chronic): N/A
Carcinogenicity: N/A
IARC Monographs: N/A
Signs and Symptoms of Exposure: N/A
Medical Conditions generally aggravated by Exposure: N/A
NTP: N/A
OSHA Regulated: N/A



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Section 12 – ECOLOGICAL INFORMATION

Ecotoxicity: N/A
Mobility: N/A
Bioaccumulation: N/A
Degradability: N/A

Section 13 – DISPOSAL CONSIDERATIONS

Appropriate Disposal / Product: Dispose of unused product, spilled substance and waste in normal disposal container.

Section 14 – TRANSPORT INFORMATION

Land Transport: Not restricted. Not regulated as hazardous goods.
Sea Transport: Not restricted. Not regulated as hazardous goods.
Air Transport: Not restricted. Not regulated as hazardous goods.

Section 15 – REGULATORY INFORMATION

California Proposition 65: This product does not contain any substances listed on California's listing of known or potential carcinogens.
Chemical Safety Assessment: Observe general laboratory safety regulations when handling chemicals.

Section 16 – OTHER INFORMATION

SDS Prepared by: MMQCI
Preparation Date: 13 April 2017

Disclaimer: The information contained in this SDS is provided only for use as a guide. The SDS was carefully prepared based on references and tests believed to be reliable; however, MMQCI makes no guarantee of the accuracy and completeness of the data. Any use of the data must be in accordance with applicable federal, state and local regulations.