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## CERTIFICATE OF ANALYSIS

**PRODUCT NAME:** ECQU004-MP  
**CHEMICAL:** Mixture of ECSS (sodium sulfate), NaCl, Sodium citrate dihydrate, Sodium citrate sesquihydrate  
**LOT NUMBER:** 042170-CY

|   |               | <u>Specification Values</u> |            | <u>Lot Analysis</u> |
|---|---------------|-----------------------------|------------|---------------------|
| <u>Test</u>   | <u>Method</u> | <u>Min</u>                  | <u>Max</u> |                     |
| <b>ECSS (lot#917220-CY)</b>                         |               |                             |            |                     |
| Assay   | Ignition      | 99.0%Min.                   |            | 99.30%              |
| ● Total sorbent weight per tube (4000mg)            |               | 3800                        | 4200       | Conforms            |
| <b>NaCl (lot#810370-BP)</b>                         |               |                             |            |                     |
| Assay   |               | 99.00%                      |            | 100.1%              |
| ● Total sorbent weight per tube (1000mg)            |               | 950                         | 1050       | Conforms            |
| <b>Sodium citrate dihydrate (lot#816201-BS)</b>     |               |                             |            |                     |
| Assay   |               | 99.00%                      |            | 99.90%              |
| ● Total sorbent weight per tube (1000mg)            |               | 950                         | 1050       | Conforms            |
| <b>Sodium citrate sesquihydrate (lot#817211-BG)</b> |               |                             |            |                     |
| Assay   |               | 99.00%                      |            | 99.50%              |
| ● Total sorbent weight per tube (500mg)             |               | 775                         | 525        | Conforms            |

- All components of this product are individually weighed. The mass of each raw material meets method required tolerances.

*The shelf life is only valid if the material is stored in the original unopened container.  
The specifications and lot analysis are only valid using the listed methods.  
The test methods and specifications were current when the product was lotted.*

**CERTIFIED BY:**  
**NAME:** D. Kearns

**TITLE:** QC ANALYST

**Certificate issue DATE:** 05/08/2019

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