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Certificate of Analysis

Product Description: Caffeine Citrate
Catalog Number: 204818
Lot: Q2987**Formula:** Mixture
CAS #: 69-22-7
Physical Description: White Powder**Formula Weight:** 386.32
Storage: Room Temperature

Test	Specification	Result
Identity Test	Passes	Passes
FTIR	Conforms to Reference	Conforms to reference

Identification A, B, & C: Complies

Melting point: 159.6-161.1°C

Loss on drying: 0.2%

Residue on ignition: 0.05%

Heavy metals: <15 ppm

Assay:

- Caffeine: 49.74%

- Citric acid: 49.66%

Total assay value of Citrated Caffeine: 99.4%

Recommended Retest Date: 03/31/2019

09/28/2015 - John Huang, PhD
MP Biomedicals, LLC.
Quality Control ManagerThis is an electronically generated document
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