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Certificate of Analysis

Product Description: DL-Thioctic Acid
Catalog Number: 101138
Lot: QR14053**Formula:** $C_8H_{14}O_2S_2$
CAS #: 1077-28-7
Physical Description: Light Yellow Powder**Formula Weight:** 206.32
Storage: 2-8°C

Test	Specification	Result
Identity Test	Passes	Passes
Purity	$\geq 98\%$	99.6%
Loss On Drying	$\leq 2\%$	0.18%

Melting Point 62°C
Heavy Metals <10 ppm
Residue on Ignition 0.06%
6,8-Epitrithlooctanoic Acid 0.08%
Total Aerobes Counts 100 cfu/g
Molds & Yeast <10 cfu/g
E.coli, Salmonella, Staphylococcus aureate not detectable
Loose Bulk Density 0.272 g/ml
Recommended Retest Date: 09/08/2019



05/11/2017 - John Huang, PhD
MP Biomedicals, LLC.
Quality Control Manager

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Technical Service: 1-800-279-5490 (440-337-1200) Customer Service: 1-800-854-0530 (440-337-1200)