

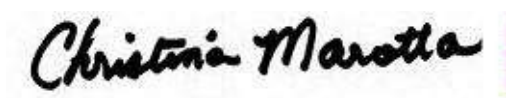
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Certificate of Analysis

Product Description: Deoxycholic Acid, free acid
Catalog Number: 101496
Lot: M4658**Formula:** $C_{24}H_{40}O_4$
CAS #: 83-44-3
Physical Description: White Powder**Formula Weight:** 392.6
Storage: Room Temperature

Test	Specification	Result
Identity Test	Passes	Passes
Purity	$\geq 99\%$	100.2% (titration)
FTIR	Conforms to Standard	Conforms to Standard
Melting Point	168 - 178°C	172°C

Heavy Metals: <20 ppm
Optical Rotation (c=2 in MeOH): +54.1°
Loss on Drying: 0.1%
Ash: 0.0%
Cholic Acid (TLC): <1%



08/27/2012 - Christina Marotta
MP Biomedicals, LLC.
Technical Director

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Online Ordering, MSDSs, certificates of analysis and data sheets now available on our web site
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