



LIFTMODE  
47 W. Polk St. STE 100-241  
Chicago, IL 60605

liftmode@liftmode.com  
www.liftmode.com

## CERTIFICATE OF ANALYSIS

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### Oleamide (Oleic acid amide)

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Material Lot #: 102281  
Country of Origin: China

Manufacture Date: 04/25/2016  
Expiration Date: 04/23/2018

Analysis	Claim	Result
Total Fatty Acid Amide	≥98.0%	100.00%
Oleamide	≥60.0%	99.37%

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Test	Specification	Result
Appearance	Small round pearl or powder	Complies
Melting Point	17-77.0° C	73.4° C
Amide content	≥95%	100.00%
Acid Value	≤0.8 mg KOH/g	0.49 KOH/g
Iodine Value	80-95 gl <sub>2</sub> /100g	85.1 gl <sub>2</sub> /100g
Color (hazen)	≤400	75
Moisture (wt%)	≤0.40	0.09

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Oleamide should be **refrigerated** in a tightly sealed durable container.  
Oleamide should be protected from excess heat, direct sunlight, excess humidity and moisture.  
Oleamide has a stable shelf life of 2 years from the date of manufacture when properly stored.

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### Oleamide

Product Name	Oleamide 99%	Product Lot Number	102281
Report Date	11/11/16	Laboratory Number	7780

Test	Method	Results
Oleamide	HPLC-UV	40.1%
Lead	ICP-MS USP <730>	0.007 ppm
Arsenic	ICP-MS USP <730>	0.144 ppm
Cadmium	ICP-MS USP <730>	<0.001 ppm
Mercury	ICP-MS USP <730>	0.004 ppm
Total Plate Count	AOAC 966.23	<10 CFU/g
Coliform Count	AOAC 991.14	<10 CFU/g
E. coli Count	AOAC 991.14	<10 CFU/g
Salmonella	Modified AOAC 998.09	Negative / 10 g
Yeast and Mold	FDA BAM	<10 / <10 CFU/g

Connor Holt  
QA Auditor

*Connor Holt*

11/11/2016  
Date

*11-11-16*