

SEQUENCE LISTING

<110> Nippon Suisan Kaisha, Ltd.

<120> Microbial Oil containing Dihomo-gamma-Linolenic Acid with Reduced Arachidonic Acid

<130> P190613W0

<150> JP 2018-248464

<151> 2018-12-28

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<170> PatentIn version 3.5

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Glu Phe Gly Ala Ala Glu Ala Ile Met Lys Lys Tyr Tyr Val Gly Thr
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Leu Val Ser Asn Glu Leu Pro Ile Phe Pro Glu Pro Thr Val Phe His
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Lys Thr Ile Lys Gly Arg Val Glu Gly Tyr Phe Lys Asp Arg Asn Met
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Asp Pro Lys Asn Arg Pro Glu Ile Trp Gly Arg Tyr Ala Leu Ile Phe
 115 120 125

Gly Ser Leu Ile Ala Ser Tyr Tyr Ala Gln Leu Phe Val Pro Phe Val
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Val Glu Arg Thr Trp Leu Gln Val Val Phe Ala Ile Ile Met Gly Phe
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Ala Cys Ala Gln Val Gly Leu Asn Pro Leu His Asp Ala Ser His Phe
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Ser Val Thr His Asn Pro Thr Val Trp Lys Ile Leu Gly Ala Thr His
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Leu Gly His His Pro Tyr Thr Asn Ile Ala Gly Ala Asp Pro Asp Val
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Ser Thr Ser Glu Pro Asp Val Arg Arg Ile Lys Pro Asn Gln Lys Trp

225 230 235 240

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 Thr Val Ala Asp Met Val Ser Ser Tyr Trp Leu Ala Leu Thr Phe Gln
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Leu Leu Gly Ala Gly Arg Asp Val Thr Pro Val Phe Glu Met Tyr His
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Glu Phe Gly Ala Ala Glu Ala Ile Met Lys Lys Tyr Tyr Val Gly Thr
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Leu Val Ser Asn Glu Leu Pro Ile Phe Pro Glu Pro Thr Val Phe His
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Lys Thr Ile Lys Gly Arg Val Glu Gly Tyr Phe Lys Asp Arg Asn Met
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Asp Pro Lys Asn Arg Pro Glu Ile Trp Gly Arg Tyr Ala Leu Ile Phe
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Val Glu Arg Thr Trp Leu Gln Val Val Phe Ala Ile Ile Met Gly Phe
 145 150 155 160

Ala Cys Ala Gln Val Gly Leu Asn Pro Leu His Asp Ala Ser His Phe
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Ser Val Thr His Asn Pro Thr Val Trp Lys Ile Leu Gly Ala Thr His
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Asp Phe Phe Asn Gly Ala Ser Tyr Leu Val Trp Met Tyr Gln His Met
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Leu Gly His His Pro Tyr Thr Asn Ile Ala Gly Ala Asp Pro Asp Val
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Ser Thr Ser Glu Pro Asp Val Arg Arg Ile Lys Pro Asn Gln Lys Trp
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Phe Val Asn His Ile Asn Gln His Met Phe Val Pro Phe Leu Tyr Gly
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Ile Val Pro Met Gln Cys Leu Pro Leu Ser Lys Val Leu Leu Leu Phe
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Asp Tyr Ala His Asp Ser His Leu Trp Thr Ser Ile Thr Gly Ser Leu
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Val Pro Tyr Leu Val Lys
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