

### Certificate of Analysis

<b>Product Name</b>	Triacylglycerol lipase
<b>Catalog No.</b>	V49189
<b>Batch No.</b>	V4918901

#### 1. Physical and Chemical Properties

<b>Appearance</b>	White to light gray spherical particles
<b>Molecular Formula</b>	C <sub>11</sub> H <sub>9</sub> N <sub>3</sub> NAO <sub>2</sub>
<b>Molecular Weight</b>	238.1978
<b>Purity</b>	≥98%
<b>CAS No.</b>	9001-62-1
<b>Production Date</b>	
<b>Retest Date</b>	2028-11-10

#### 2. Analytical Data

Test Item	Specification	Result
Moisture	≤8.0%	2.1%
Fineness (particle size between 0.3 mm and 1.0 mm)	≥90%	93%
Enzyme Activity	≥10,000 PLU/g	10,177 PLU/g
Total Plate Count	≤50,000 CFU/g	3300 CFU/g
Coliforms	≤30 CFU/g	<10 CFU/g
Escherichia coli	Not detected	Not detected
Salmonella (25 g)	Not detected	Not detected
Lead (Pb)	≤5.0 mg/kg	<5.0 mg/kg
Total Arsenic (as As)	≤3.0 mg/kg	<3.0 mg/kg

#### 3. Structure

<p>Triacylglycerol lipase</p>
-------------------------------

#### 4. Storage Condition

<b>Storage Condition</b>	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month

**Products are for research use only • Not for human or veterinary use**

---

**Tel: +1 708 310-1919**

**InvivoChem LLC Fax: +1 708 557-7486**  
**<http://www.invivochem.com/>**

**Email: [info@invivochem.com](mailto:info@invivochem.com)**