

### Certificate of Analysis

<b>Product Name</b>	Tetrakis (4-carboxyphenyl) porphyrin (TCPP)
<b>Catalog No.</b>	V64228
<b>Batch No.</b>	V6422801

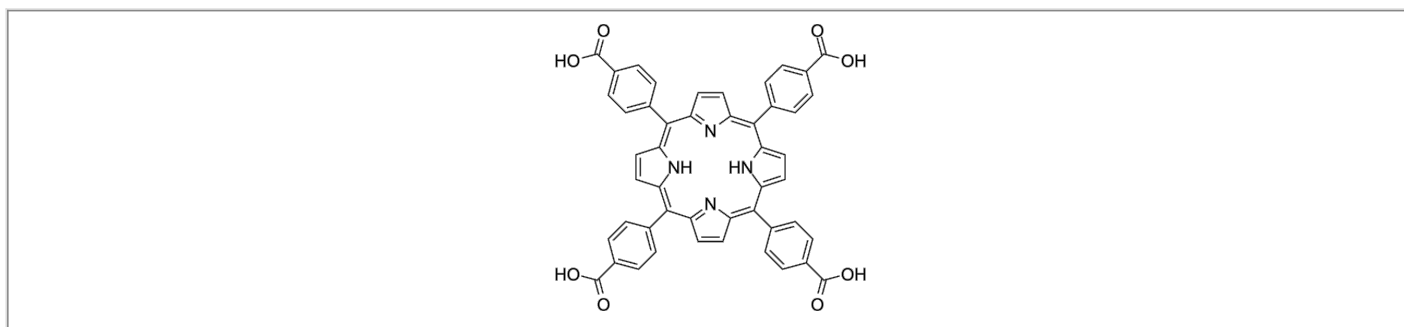
#### 1. Physical and Chemical Properties

<b>Appearance</b>	Powder
<b>Molecular Formula</b>	C <sub>48</sub> H <sub>30</sub> N <sub>4</sub> O <sub>8</sub>
<b>Molecular Weight</b>	790.79
<b>Purity</b>	≥98%
<b>CAS No.</b>	14609-54-2
<b>Production Date</b>	
<b>Retest Date</b>	2028-04-12

#### 2. Analytical Data

Test Item	Specification	Result
HPLC	≥95%	≥98%

#### 3. Structure



#### 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
<p><b>Note:</b> (1). This product requires protection from light (avoid light exposure) during transportation and storage. (2). Please store this product in a sealed and protected environment (e.g. under nitrogen), avoid exposure to moisture.</p>			

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