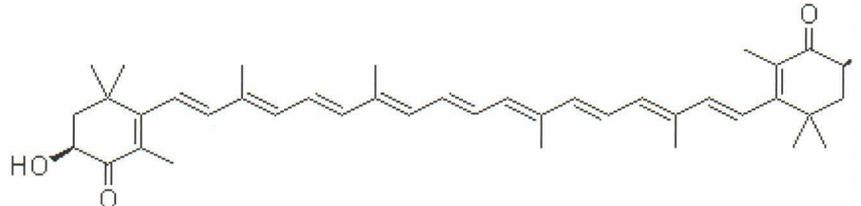




**Astaxanthin 10%**

Batch no      AST20250722  
Mf date        Jul 22 2025  
Retest         Jul 21 2027

Molecular Structure



Molecular Formula    C<sub>40</sub>H<sub>52</sub>O<sub>4</sub>  
Molecular Weight     596.85  
CAS Registry Number  472-61-7

Aug 29 2025

<u>Tests</u>	<u>Specifications</u>	<u>Results</u>
Appearance	Fine violet-red powder	Conforms
Taste & odor	Characteristics	Conforms
Loss on drying	≤ 5.0%	3.08%
Ash	≤ 5.0%	3.11%
Heavy metals	≤ 10 ppm	Conforms
Pb	≤ 2 ppm	Conforms
As	≤ 1 ppm	Conforms
Cd	≤ 1 ppm	Conforms
Hg	≤ 0.1 ppm	Conforms
Microbiology	Total plate count ≤ 1,000 cfu/gr	Conforms
	Yeast & mold        ≤ 100 cfu/gr	Conforms
	E. Coli                Negative	Negative
	Salmonella          Negative	Negative
Assay (odb)	≥ 10.0%	10.52%

Packaging & storage	Store in cool and dry place, avoiding sunlight directly.
Conclusion	Material complies with in house standard