UNITED STATES PATENT AND TRADEMARK OFFICE BEFORE THE PATENT TRIAL AND APPEAL BOARD RIMFROST AS Petitioner v. AKER BIOMARINE ANTARCTIC AS Patent Owner Case: IPR2020-01533 U.S. Patent No. 9,816,046 B2

DECLARATION OF DR STEPHEN J. TALLON

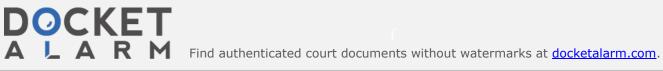


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"krill oil" means "lipids extracted from krill"5	6
"astaxanthin" means "the astaxanthin molecule having the structure shown	
below and includes both cis- and trans forms of the molecule:6	2
"astaxanthin esters" means "astaxanthin molecules in which one or both of the	
hydroxyl groups are replaced by a fatty acid tail connected to the astaxanthin	
molecule through an ester bond."6	8
"about" extends the number it modifies to include the range provided by	
rounding, and means "a range about the number it modifies which when rounde	d
provides the number it modifies"6	9
"destroy the activity of lipases and phospholipases" means "denature lipases and	d
phospholipases"	' 1



polar solvent means solvent or mixtures of solvents capable of	extracting
polar lipids comprising phospholipids"	79
"krill meal" means "processed krill, with reduced water content, fr	rom which
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