Analytical Testing SERVICES, INC.
We Test It! 814·432·7214

Analytical Testing Services, Inc.
An Independent Laboratory
814-432-7214
Fax: 814-432-9424
www.WeTestIT.com

Correspondence: PO Box 61 Franklin, PA 16323 • Shipping: 190 Howard St. Suite 404 Franklin, PA 16323

June 28, 2024

Saehong, Hur
GS Caltex Corporation
508, Nonhyeon-ro, Gangnam-gu
Seoul, 06141, S Korea

The following are the results of the analyses performed on the samples submitted.

Reference: ATS Sample ID: 116661
JS Chem ID:..... Kixx PureWhite 2F

Methodology: **Code of Federal Regulations** *21 CFR 172.878* (a)
DESCRIPTION: *[Code of Federal Regulations] - [Title 21, Volume 3]*
TITLE 21--Food And Drugs
CHAPTER I--Food And Drug Administration, Department Of Health And Human Services
PART 172—Food Additives Permitted for Direct Addition to Food for Human Consumption
Subpart I—Multiurpose Additives
§ 172.878 White Mineral Oil.
White mineral oil may be safely used in food in accordance with the following conditions:
(a) White mineral oil is a mixture of liquid hydrocarbons, essentially paraffinic and naphthenic in nature obtained from petroleum. It is refined to meet the following specifications:
(1) It meets the test requirements of the United States Pharmacopeia XX (1980) for readily carbonizable substances (page 532).

Readily Carbonizable Substances – Pass (Not darker than reference solution)

(2) It meets the test requirements of U.S.P. XVII for sulfur compounds (page 400).

Sulfur Content – 3.8 ppm **–** Pass

(3) It meets the specifications prescribed in the "Journal of the Association of Official Analytical Chemists," Volume 45, page 66 (1962), which is incorporated by reference, after correction of the ultraviolet absorbance for any absorbance due to added antioxidants. Copies of the material incorporated by reference are available from the Center for Food Safety and Applied Nutrition (HFS-200), Food and Drug Administration, 5100 Paint Branch Pkwy., College Park, MD 20740, or available for inspection at the National Archives and Records Administration (NARA).
The absorbance of the mineral oil extract shall not exceed that of the solvent control at any wavelength in the specified range by more than one-third of the standard reference absorbance.
(Standard Reference Absorbance – 0.382 @ 275nm)

Absorbance per centimeter of path length

260-269 nm	270-279 nm	280-289 nm	290-299 nm	300-329 nm	330-349 nm	350 nm
0.003	0.003	0.001	0.000	0.003	0.004	0.004
Met	**Met**	**Met**	**Met**	**Met**	**Met**	**Met**

Case narrative: The sample complies with the US FDA regulations defined under 21 CFR 178.3620(a).

We appreciate the opportunity to be of service and look forward to working with you on future projects.

Sincerely,

Richard M. Eakin,
President

Reference: Final Report and Invoice #12672 Emailed to Grace Kim at gracejschem@hotmail.com on Jun-28-2024