BRENNTAG MID-SOUTH

PURCHASE ORDER #:

816152

Material ID: REFINED GLYCERINE USP 99.7%

PICK UP #:

1025019564



## Product Identified As: Refined Glycerin USP 99.7% Kosher

Vessel/ Voyage: MT Ginga Ocelot V1804 Lot Number: 315-261-18 Manufacturing Date: 07/13/2618 Expiry Date: 07/12/2020

TEST

Cescription
Solubility
Color (Color, Pt-Co)
Identification (A) - IR
Identification (B) - Limit of EG and DEG
Distriptione Glycol, wt. %
Identification (C) - Confirmation of Glycerin by GC
Relabed Compounds
Individual impurities, wt%
Total Impurities, wt%
Specific Gravity @25925°C
Residue on Ignition, wt%
Suffurio Acid Heat Test, APHA
Water, wt. %
Chloride, ppm
Heavy Metals
Chlorineted Compounde, ppm
Assay, Anhydrous Basis, wt. %
Fatty Acids and Esters
(mt. of 0.5 N NaOH)
Residual Solvents
Fatty Acids & Esters, wt%
Appearance
Oddr

SPECIFICATION
TO Pass
TO Pass
TO Pass
TO Pass
TO Pass
O.10 max
0.10 max
TO Pass
U.10 max
TO Pass
U.10 max
U.20 max
U.20

Passes
<0.1
<0.1
Passes
Passes
60.1
<1.0
1.2618
1.1 mg
0.0021
40
0.031
Passes
Passes
Passes
Passes
99.98

RESULT Passes Passes

Passes (0.2) Compliant 0.008 Passes Passes

"Product tested in accordance with USP 40" Edition Monograph for Glycerin."

Quality Assurance Department

Nalte

Shan Nathan QA/QC Manager 209 401 0683

Report Date 09/18/2018

BMS # 20149018278001

IMPORTANT: All information provided is believed to be accurate and complete. The data provided is representative of the product quality on the date of analysis for the lot number indicated. This certificate of analysis may not include all of the constituents of the product. Persons using this information should make their own determination regarding its suitability for their particular application. This certificate of analysis shall not in any way limit or preclude the operation and effect of the applicable terms and conditions of sale.