

PLANT: Anaheim, CA

MFG DATE: 04-17-2024 2:04 PM

SPECIALTY PRODUCTS & LEASING

19329 SOUTH LAKE ROAD

TAFT, CA 93311

CERTIFICATE OF ANALYSIS

DCPC PRODUCT NAME: n-Butane, Instrument Purity, 2.5

CUST PRODUCT CODE:

CUST P.O. NUMBER : 5409-DD

DOT SHIPPING INFORMATION

NPCA - HMIS RATINGS

Petroleum Gases, Liquefied

HEALTH 1

FLAMMABILITY 4

REACTIVITY 0

PERSONAL PROTECTION -

2.1, Flammable Gas, UN1075

PERSONAL PROTECTION INFORMATION TO BE SUPPLIED BY USER

NON CORROSIVE

DCPC LOT NUMBER : 2024-44923-00_DV48

SOURCE : DV48

WEIGHT LOADED : 39296 lb

SAMPLED BY : rg

ANALYST : rg

DELIVERY DATE : 04/18/2024 06:00 A

EXPIRATION DATE : 04-17-2034

COMPONENT	WEIGHT%	MOLE%	LIQ VOL% (60 °F)
ETHANE	0.0000	0.0000	0.0000
PROPANE	0.0801	0.1056	0.0920
ISOBUTANE	0.0357	0.0357	0.0369
N-BUTANE	99.8691	99.8466	99.8568
NEOPENTANE	0.0151	0.0122	0.0142
ISOPENTANE	0.0000	0.0000	0.0000
N-PENTANE	0.0000	0.0000	0.0000

DENSITY AT 60 °F = 4.863 LB/GL
 DENSITY AT 70 °F = 4.809 LB/GL
 SPC GRAVITY AT 60 °F = 0.583 G/CC
 CALC. PRES. AT 70 °F = 17.00 PSIG
 CALC. PRES. AT 100 °F = 37.65 PSIG
 ACT. PRES. AT 70 °F = 17.00 PSIG

MOISTURE CONTENT (PPMW) : < 3
 TOTAL SULFUR (PPMW) : < 1
 RESIDUE (PPMW) : < 5
 BENZENE (PPMW) : < 1.0

APPEARANCE: Clear & Colorless

ODOR: Pass

*** SDS PREVIOUSLY PROVIDED ***

PREPARED BY:

DATE: 04-17-2024

Pure Innovation with YOU in Mind.

BTEX Analysis- Addendum

Ship To: Specialty Products & Leasing

Shipper's No: 2024-44923-00

Plant: Anaheim
Product: n-Butane, Instrument Purity, 2.5
Sample ID: 041824_DV48

Manufacture Date: 04/17/24
Customer Part No: _____

BTEX Analysis Report

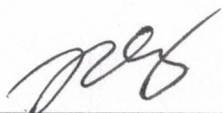
Component (Liquid Phase)	Results	Specifications	Method
Benzene	ND	< 1.0 - ppmw	Gas Chromatography
Ethylbenzene	ND	< 1.0 - ppmw	Gas Chromatography
Toluene	ND	< 1.0 - ppmw	Gas Chromatography
Xylene (m,p,o)	ND	< 1.0 - ppmw	Gas Chromatography

ND - Not Detected (Below Minimum Detection Limit, MDL)

MDL - < 0.5 ppm

PO 4133 120#

RD888552, 507071D, 678443UA, 523518D, 632709UA, 318686D, TR372078, 522597D, 029184, 522507D, RD817599, RD867426, RD826951, 394068D, 437353UA, 002032QC, 727704UA, RD974155, TR399546, 003657QC, 417944D, 441688UA, 524098D, 004948QC, 511606D, 511262D, TR399646, 511186D, 522796D, RD892598, TR382972, 511116D, 670156UA, 003273QC, 510178D, RD873979, 511187D, 617490UA, 523627D, 543514D, 028130, 511372D, 533624D, 631749UA, 541194D, 705444UA, 543520D, TR399798, 534240D, 503942D, TR399706, 011164QC, TR382876, 534323D, 399044D, 029163, 77718AW, 419744D, 029111, 325534D, 417915D, 403790D, 001202QC, RD893742, 464540D, RD817616, 394841D, TR399938, 634253UA, 519164UA, 517574D, 028836, RD817677, TR400025, 394241D, 029240, 511016D, 531867D, 539787D, 535841D, 001715QC, 511327D, 002234QC, 541247D, 005331QC, TR399720, 668716UA, 321368D, TR399841, 523244D



Prepared by

April 17, 2024