

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

NON CORROSIVE

PERSONAL PROTECTION INFORMATION TO BE SUPPLIED BY USER

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.

DATE: 04-17-2024

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: _____

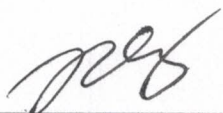
BTEX Analysis Report

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 4169 120#

334797D, 395906D, 513082D, 538505UA, 608272UA, 480590D, TR398711, TR377730, 387118D, 417937D, RD977812, 546148D, 540997D, TR377901, 308931D, 011231QC, TR382846, 95724AW, 417501D, 522524D, 535867D, 522611D, TR382784, 542845D, 480760D, 542686D, 004401, 07743UA, 0036952QC, 543377D, 536623D, 524358D, 674959UA, 024197, 000926QC, 714286UA, 545683D, RD817799, 540368D, CC095500, 533997D, 545746D, 542922D, TR371777, 540294D, RD974111, 523354D, 387107D, 029175, 297216D, 511082D, 490821UA, 009517QC, 513447D, 536326D, 480738D, 003531QC CC045182, 510924D, C21K003008, RD977079, TR399604, 705684UA, 548604D, RD893840, 545732D, 605963UA, TR398742, 005893QC, 534014D, 6004DX, 011376QC, 663194UA, 467030UA, 549122D, 648526UA, TR398699, 511204D, 523470D, 479379D, 009555QC, 524214D, 006535QC, 506946D, 541072D, 011368QC, 004110, 259415D, 479667D, 549177D, 387023D, 639357UA, 028924, 545693D, TR383021, 523407D, 566089UA, 395872D, 322993D, 539160D, 646425UA, 90099AW, 001771QC, 549568D, 539246D, 543708D, 536047D, CC218390, 591837UA, 534305D, RD817707, 000923QC, 849169UA, 002173QC, 524102D, 545705D, 006307QC, TR399710, 511132D, 535019D, 540442D, 511298D, 545799D, 545405D, 511131D, 710805UA, 002138QC, 540853D, 028066, 396207D, 540073D, 273049D, 399071D, CC199374, 524151D, 008185QC, 540182D, 540745D, 511352D, 011012QC, 373600D, 542807D, 011419QC, 003951QC, 464597D, 548242D, TR398801, 495694D, 002846QC, 416968D, 317050D, 416681D, 539414D



Prepared by

April 17, 2024