

PLANT: Anaheim, CA

MFG DATE: 04-15-2024 12:12 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 : 5408-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 : 2024-44857-00\_DV48

SOURCE : DV48

WEIGHT LOADED : 38980 lb

SAMPLED BY : rg

ANALYST : rg

DELIVERY DATE : 04/16/2024 06:00 A

EXPIRATION DATE : 04-15-2034

COMPONENT	WEIGHT%	MOLE%	LIQ VOL% (60 °F)
ETHANE	0.0000	0.0000	0.0000
PROPANE	0.0083	0.0109	0.0095
ISOBUTANE	0.0344	0.0344	0.0356
N-BUTANE	99.9399	99.9407	99.9384
NEOPENTANE	0.0174	0.0140	0.0164
ISOPENTANE	0.0000	0.0000	0.0000
N-PENTANE	0.0000	0.0000	0.0000

DENSITY AT 60 °F =	4.864	LB/GL
DENSITY AT 70 °F =	4.810	LB/GL
SPC GRAVITY AT 60 °F =	0.583	G/CC
CALC. PRES. AT 70 °F =	16.92	PSIG
CALC. PRES. AT 100 °F =	37.52	PSIG
ACT. PRES. AT 70 °F =	17.00	PSIG

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

APPEARANCE: Clear & Colorless  
 ODOR: Pass

\*\*\* SDS PREVIOUSLY PROVIDED \*\*\*

PREPARED BY: 

DATE: 04-15-2024

Pure Innovation with YOU in Mind.

### BTEX Analysis- Addendum

Ship To: Specialty Products & Leasing

Shipper's No: 2024-44857-00

**Plant:** Anaheim  
**Product:** n-Butane, Instrument Purity, 2.5  
**Sample ID:** 041624\_DV48

**Manufacture Date:** 04/15/24  
**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

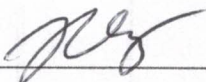
**ND - Not Detected (Below Minimum Detection Limit, MDL)**

**MDL - < 0.5 ppm**

PO 4123 80/34

TR400017, 523875D, 493813D, 394664D, 545823D, 542855D, 405349D, 011158QC, 334936D, 499128UA, 006892QC, 5367345D, 000069QC, 661063UA, 395946D, 536325D, 645905UA, 009972QC, 540319D, 536619D, 007506QC, 481038D, 002789QC, 632396VA, 542924D, 536611D, 490826UA,

Prepared by



April 15, 2024