SOLVENTDIRECT™

CERTIFICATE OF ANALYSIS
N-BUTANE
INSTRUMENT PURITY

COMPONENT	WEIGHT%	MOLE%	LIQ VOL% (60 °F)
ETHANE	0.0000	0.0000	0.0000
PROPANE	0.0000	0.0000	0.0000
ISOBUTANE	0.1355	0.1355	0.1403
N-BUTANE	99.7440	99.7680	99.7468
NEOPENTANE	0.1197	0.0965	0.1129
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 =	16.91	PSIG
CALC. PRES. AT	100 °F =	37.51	PSIG
ACT. PRES. AT	70 °F =	17.00	PSIG

MOISTURE CONTENT (PPMW): < 3
TOTAL SULPHUR (PPMW): < 1
RESIDUE (PPMW): < 5
APPEARANCE: Clear & Colorless
ODOR: Pass

PREPARED BY: *** SDS PREVIOUSLY PROVIDED DATE: 10-19-2021

(GUARRANTEED SPECIFICATION N-BUTANE 99.5%+)

Certified by: DAVID MEYER SO# 1060455

Cylinder Serial Number (s)

464539D	684486UA	RD873833	004239	666570UA
499128UA	394163D	TR382782	029175	000471QC
511004D	510913D	TR399616	028348	RD874117
003251QC	TR372105	RD873049	005065QC	511108D
002672QC	511074D	RD873982	418039D	463074D
416636D	480590D	RD817817	420859D	029041
743845UA	505929UA	TR398699	616541UA	RD817793
623315UA	464825D	99615AW	397325D	082351
402594D	711729UA	RD817577	421082D	711184UA

Batch Number

2021-27210-00_4039

510176D
TR399958
421070D
RD817559
731974UA
RD817567
648633UA
DR015791
505715UA

Customer PO#: 2001