Rocky Mountain Reagents
SCIENTIFIC SOLUTIONS SINCE 1951

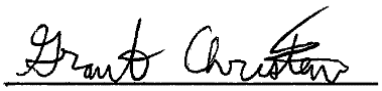
CERTIFICATE OF ANALYSIS

Product: **710 Spirits®, High Purity Extraction Grade**
Catalog Number: **E1026**
Lot Number: **2HC6-8293**
Manufacture Date: **08/03/26**
Expiration Date: **08/03/29**

Property	Specification	Result
Concentration, Ethanol	94.76 - 95.72% v/v	95.19% v/v
Concentration, n-Heptane	4.28 - 5.24% v/v	4.81% v/v
Water Content	≤ 0.2% w/w	0.018% w/w*
Appearance	Clear, colorless liquid	Pass
Odor	Characteristic	Pass
Color, Pt-Co	≤ 10	3*
Specific Gravity	0.787 – 0.791 at 15.56 °C	0.7882
Acidity (as Acetic Acid)	≤ 0.0005 mEq/g	0.0001 mEq/g
Alkalinity (as Ammonia)	≤ 0.0002 mEq/g	0.0001 mEq/g*
Residue on Evaporation	≤ 20 ppm	< 13 ppm*
Acetone	≤ 200 ppm	5 ppm*
Isopropanol	Report	335 ppm*
Methanol	≤ 100 ppm	6 ppm*
Acetaldehyde and Acetal	≤ 10 ppm	< 10 ppm*
Benzene	≤ 0.5 ppm	< 0.1 ppm*
Toluene	≤ 20 ppm	1 ppm*
Sulfur Compounds (as S)	≤ 200 ppm	< 1 ppm*
Heavy Metals (as Pb)	≤ 50 ppb	< 5 ppb*

Conforms to 710 Spirits Material Specification Revision H. Prepared with USP/FCC Grade ethyl alcohol and high purity (≥ 99%), reagent grade n-heptane. *These are typical values established from semiannual, third-party analysis. Country of Origin: USA.

It is certified on 08/11/26 that the above is a true copy of the actual lot analysis.



Grant Christen
Quality Systems and Regulatory Affairs
Rocky Mountain Reagents, Inc.

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