

TERPENES

SYZYGY  BOTANICALS
by Ricca

EMPOWER YOUR SENSES WITH SCIENCE.



Blends/Isolates/Diluents • Cannabis • Hemp • CBD
cGMP Compliant • Crafted in a Cleanroom • Full Traceability



SYZYGY Terpene Strains and Isolates as well as Custom Blending Services to help you craft the ultimate experience for your customer.

TERPENES • EXTRACTION CHEMICALS • CRMs



Put our over 40 years of manufacturing experience to work for you for fast, efficient and safe processing of all your Cannabis and Hemp products.

Our Line of Ready Made SYZYGY Terpene Strains

Put the benefits of our SYZYGY Terpene Strains into your products to deliver a unique experience to your customer. All natural, organic, steam-distilled and free of fillers means you can deliver a flavor and aroma experience that will help grow your brand loyalty. All of our strains are crafted within our Cleanroom in our ISO 9001:2015 certified facility in accordance with Good Manufacturing Practices (cGMPs) for your assurance of quality, consistency and the lowest lot-to-lot variability in the industry. All of our SYZYGY products are fully tested in house by GCMS to ensure all of our products are free of pesticides, residual solvents and meet all specifications.



We encourage you to purchase our ready made Terpene Strains, to use 'as is' or add your own flair with our Isolates or Blends Sample Pack. Or, work with our formulations chemists to craft your very own signature proprietary custom blends.

RICCA

Part Number	Blend	Effect	Experience	Sizes
SZG00115	Chemdawg	Hybrid	Uplifting, anti-inflammatory, pain management	5g, 20g, 50g, 100g, 500g, 1kg, 3kg
SZG00103	Clementine	Hybrid	Uplifting, anti-inflammatory, pain management	5g, 20g, 50g, 100g, 500g, 1kg, 3kg
SZG00104	Grapefruit Kush	Hybrid	Energy, anti-inflammatory, pain management	5g, 20g, 50g, 100g, 500g, 1kg, 3kg
SZG00102	Gelato	Hybrid	Uplifting, anti-inflammatory, pain management	5g, 20g, 50g, 100g, 500g, 1kg, 3kg
SZG00113	Berry Gelato	Hybrid	Uplifting, anti-inflammatory, pain management	5g, 20g, 50g, 100g, 500g, 1kg, 3kg
SZG00108	Wedding Cake	Hybrid	Energy, anti-inflammatory, pain management	5g, 20g, 50g, 100g, 500g, 1kg, 3kg
SZG00106	SFV OG	Hybrid	Focus, anti-inflammatory, pain management	5g, 20g, 50g, 100g, 500g, 1kg, 3kg
SZG00112	Tropic Thunder	Hybrid	Focus, anti-inflammatory, pain management	5g, 20g, 50g, 100g, 500g, 1kg, 3kg
SZG00119	Pineapple Express	Hybrid	Uplifting, calming	5g, 20g, 50g, 100g, 500g, 1kg, 3kg
SZG00117	OG Kush	Hybrid	Uplifting, calming	5g, 20g, 50g, 100g, 500g, 1kg, 3kg
SZG00120	Mimosa	Hybrid	Focus, calming	5g, 20g, 50g, 100g, 500g, 1kg, 3kg
SZG00121	Banana Kush	Hybrid	Uplifting, calming	5g, 20g, 50g, 100g, 500g, 1kg, 3kg



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Part Number	Blend	Effect	Experience	Sizes
SZG00105	Paris OG	Indica	Uplifting, anti-inflammatory, pain management	5g, 20g, 50g, 100g, 500g, 1kg, 3kg
SZG00101	Fire OG	Indica	Uplifting, anti-inflammatory, pain management	5g, 20g, 50g, 100g, 500g, 1kg, 3kg
SZG00111	Master Kush	Indica	Calming, anti-inflammatory, pain management, alertness	5g, 20g, 50g, 100g, 500g, 1kg, 3kg
SZG00107	Strawberry Cheesecake	Indica	Uplifting, anti-inflammatory, pain management	5g, 20g, 50g, 100g, 500g, 1kg, 3kg
SZG00114	Trainwreck	Sativa	Calming	5g, 20g, 50g, 100g, 500g, 1kg, 3kg
SZG00109	Super Lemon Haze	Sativa	Energy, anti-inflammatory, pain management	5g, 20g, 50g, 100g, 500g, 1kg, 3kg
SZG00118	Lemon Jack	Sativa	Focus, calming	5g, 20g, 50g, 100g, 500g, 1kg, 3kg
SZG00110	Blue Dream	Sativa	Calming, alertness, pain management, anti-inflammatory	5g, 20g, 50g, 100g, 500g, 1kg, 3kg
SZG00116	Jack Herer	Sativa	Blissful, focus, energy	5g, 20g, 50g, 100g, 500g, 1kg, 3kg
SZG00122	Strawberry Cough	Sativa	Uplifting, calming	5g, 20g, 50g, 100g, 500g, 1kg, 3kg
SZG10101	Blue Skittles Flavor			5g, 20g, 50g, 100g, 500g, 1kg, 3kg
SZG10102	Sour Apple Flavor			5g, 20g, 50g, 100g, 500g, 1kg, 3kg
SZG10103	Sweet Blueberry			5g, 20g, 50g, 100g, 500g, 1kg, 3kg
SZG10104	Prickly Pineapple			5g, 20g, 50g, 100g, 500g, 1kg, 3kg
SZG10105	Groovy Grape			5g, 20g, 50g, 100g, 500g, 1kg, 3kg
SZG10106	Peppermint Twist			5g, 20g, 50g, 100g, 500g, 1kg, 3kg
SZG95102	Citrus Sample Pack		Clementine, Grapefruit Kush, Berry Gelato, Tropic Thunder, Super Lemon Haze, Pineapple Express and Viscosity Modifier	6x5g
SZG95103	Energy/Uplifting Sample Pack		Jack Herer, Strawberry Cough, Super Lemon Haze, Grapefruit Kush, Wedding Cake, Pineapple Express and Viscosity Modifier	6x5g
SZG95104	Calming Sample Pack		Blue Dream, Trainwreck, Lemon Jack, OG Kush, Mimosa, Master Kush, and Viscosity Modifier	6x5g
SZG95105	Pain Management Sample Pack		Blue Dream, Fire OG, Chemdawg, SFV OG, Paris OG, Strawberry Cheesecake and Viscosity Modifier	6x5g
SZG95106	OG Sample Pack		Fire OG, Master Kush, Paris OG, OG Kush, SFV OG, Trainwreck and Viscosity Modifier	6x5g
SZG95101	Terpene Blend Custom Sample Pack	Custom	Choose 6 Strains, 5g SYZYGY Viscosity Modifier	6x5g

SYZYGY Isolate Terpenes

Our line of Isolate Terpenes are prepared under the same Good Manufacturing Practices as our Terpene Strains. They are 100% free of fillers, solvent-less, natural, organic and food grade. They are produced under stringent processes to deliver the ultimate flavor experience of that unique plant, infusing your product with the most consistent flavors and delivering the best experience for your customer. Each Isolate is packaged in our Cleanroom and fully tested by GCMS to ensure each is contaminate free and of the highest purity.



RICCA Part

Number	Product	Scent	Effect	Sizes
SZG90009	Alpha-Bisabolol	Mild, floral, pepper	Anti-inflammatory, antimicrobial, antimutagenic	5g, 20g, 50g, 100g, 500g
SZG90001	Humulene (Alpha-Caryophyllene)	Hoppy, woody, piney	Pain killer, Anti-inflammatory	5g, 20g 50g, 100g, 500g
SZG90003	Beta-Caryophyllene	Woody, spicy, clove-like	Pain killer, antipyretic, anti-inflammatory	5g, 20g 50g, 100g, 500g
SZG90010	Geraniol	Sweet, floral-rose	Antioxidant	5g, 20g 50g, 100g, 500g
SZG90005	D-Limonene	Citrus, mildly orange	Antioxidant, anti-inflammatory	5g, 20g 50g, 100g, 500g
SZG90006	Linalool	Floral, slightly sweet, slightly woody	Pain killer, anticonvulsant, sedative	5g, 20g 50g, 100g, 500g
SZG90007	Myrcene	Sweet and minty balsam	Sedative, pain killer, antioxidant	5g, 20g 50g, 100g, 500g
SZG90002	Alpha-Pinene	Woody with herbal influences	Anti-inflammatory, memory enhancing, sedative	5g, 20g, 50g, 100g, 500g
SZG90004	Beta-Pinene	Piney wood, notes of nutmeg	Anti-inflammatory	5g, 20g, 50g, 100g, 500g
SZG90008	Terpinolene	Smoky, woody, slight citrus	Antioxidant, antibacterial	5g, 20g, 50g, 100g, 500g



SYZGY Diluents and Modifiers

If you are looking to adjust the consistency or concentration of your post-extraction oils or other products there are many options used in the market today. Ricca offers all natural, food grade options to meet your needs.

In particular we recommend our own signature proprietary SYZGY Viscosity Modifier, colorless, odorless, and food grade to preserve the subtle effects of your product while allowing you to adjust the viscosity or concentration of your product.

To add just the right amount of “skunk” to any product we recommend our SYZGY Skunk Modifier, an all natural blend of terpenes.

RICCA Part Number	Product	Sizes
SZG96101	SYZGY Viscosity Modifier	5g, 500g, 1K, 5K
SZG96103	Caprylic-Capric Triglyceride	5g, 500g, 1K, 5K
SZG96104	Mixed Chain Triglyceride	5g, 500g, 1K, 5K
SZG96102	SYZGY Skunk Modifier	5g

Extraction Chemicals

As the Cannabis market continues to grow and innovate, extracts have grown even faster. Solvent extraction has emerged as the best choice for many processors.

RICCA offers a full range of options in extraction chemicals. In particular, Ethanol has been gaining on butane and supercritical CO₂ as a solvent of choice for producers manufacturing high-quality Cannabis extracts. Many of our customers have decided RICCA food grade ethanols to be effective, efficient and safe to handle. The FDA classifies Ethanol as “generally regarded as safe,” or GRAS, meaning that it is safe for human consumption. As a result, it is commonly used as a food preservative or additive, found in everything from the cream filling in your cookie to the glass of wine you enjoy with dinner. We can work with you to choose the extraction option that works best for your needs.



Extraction Chemicals Order Info

RICCA Part Number	Product	Sizes
RSOE0010	Ethanol, Grain, 190 Proof	5 Gal, 55 Gal
RSOE0013	Ethanol, Grain, 200 Proof	5 Gal, 55 Gal
R4207200	Isopropyl Alcohol, HPLC	4L
RSOI0020	Isopropyl Alcohol, ACS	500mL, 1L, 4L, 20L, 55 Gal
RSOA0011	Acetone, HPLC	500mL, 1L, 4L
RSOA0010	Acetone, ACS	500mL, 1L, 4L, 20L
CAN12000	Ethanol, CDA 12-A, 200 Proof	55 Gal

Don't see what you are looking for? Contact us for a full listing of all of our Extraction Chemical options or to create your proprietary blend.

Solvents

Solvents are used in various steps within the processing of Cannabis, whenever you are looking to dissolve one substance into another. RICCA provides high-quality solvents, many as HPLC or ACS grade, which is of higher purity than industrial grade solvents that can be found in local hardware stores. The choice of the right solvent at the highest purity can greatly affect the quality, taste and efficiency of your processing.



Solvents Order Info

RICCA Part Number	Product	Sizes
RSOA0020	Acetonitrile, HPLC	1L, 4L
RSOH0010	Hexanes, ACS	500mL, 1L, 4L
RSOH0006	Heptane, HPLC	20L
R4828000	Methanol, HPLC	1L, 4L
R4829000	Methanol, ACS	500mL, 1L, 4L, 20L
RSOC0020	Chloroform, ACS (General Use)	500mL, 1L, 4L
RSOE0300	Ethyl Acetate, ACS	500mL, 4L
RSOP0170	n-Pentane	55 Gal



State Cannabis Testing Reference Standards

As regulation intensifies and the need for more testing grows, many cannabis producers and manufacturers are relying on accurate test results from state certified testing labs to document that their products are free of chemical contaminants that could cause potential harm to their customers. In addition, testing for terpenes is a growing need as manufacturers need to improve product labeling and producers look to better identify strains.

Ricca offers ISO Guide 34 Certified Reference Materials (CRMs) for all of the common contaminants such as **Residual Solvents**, **Pesticide Residue** and **Heavy Metals** as well as **Terpene Standards** for use in laboratory testing.

Requirements differ by state – Ricca offers standards specific to state requirements. As regulations change, please visit our website for the most up to date product offerings and information.

For more information please visit riccachemical.com.



Heavy Metal Testing Standards

Ricca provides a full line of AA, ICP, ICP/MS and Ion Chromatography Standards that meet the ISO Guide 34 and ISO 17025 requirements with our line of VeriSpec® certified reference materials, guaranteeing our products provide precise and accurate results for our customers. Standards are NIST traceable where available. Custom blends are available to meet your needs. Detailed Certificates of Analysis included in each transpiration control bag depicting traceability of measurements and calibrations to NIST standards.



Cleaning Solution



An important and sometimes overlooked part of efficient and safe Cannabis processing is cleaning. Following a regular cleaning protocol throughout your process can enhance the subtle effects of Terpenes and complex cannabinoid profiles. Cleaning Solution from RICCA is pleasant smelling, and is highly effective in cleaning deposits off glassware and equipment from sticky trichomes typical in grows and the trim process, as well as to reduce residue debris from extraction and concentrates.



RICCA
CLEANING SOLUTION



Cleaning Solution Order Info

RICCA Part Number	Product	Sizes
R2151100	Cleaning Solution with Lemon	1L, 4L

Why Source with RICCA?

RIGHT

- Tightest Specifications in the industry, lowest lot-to-lot variability
- ISO 17025 Accredited Laboratories, FDA, cGMP compliant facilities
- ISO 9001:2015 Certified
- All products Certified Traceable to NIST Standards when available

READY

- Nationwide manufacturing/inventory locations
- Full documentation with each product - Certificate of Analysis
- Chemists ready to assist you in selecting the right product or to help you create your own proprietary blend

RICCA

- Over 40 years of successfully serving the scientific market



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