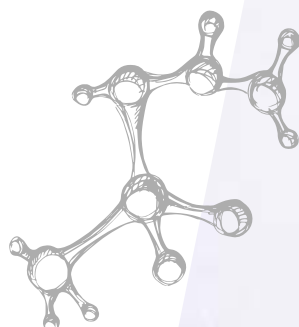
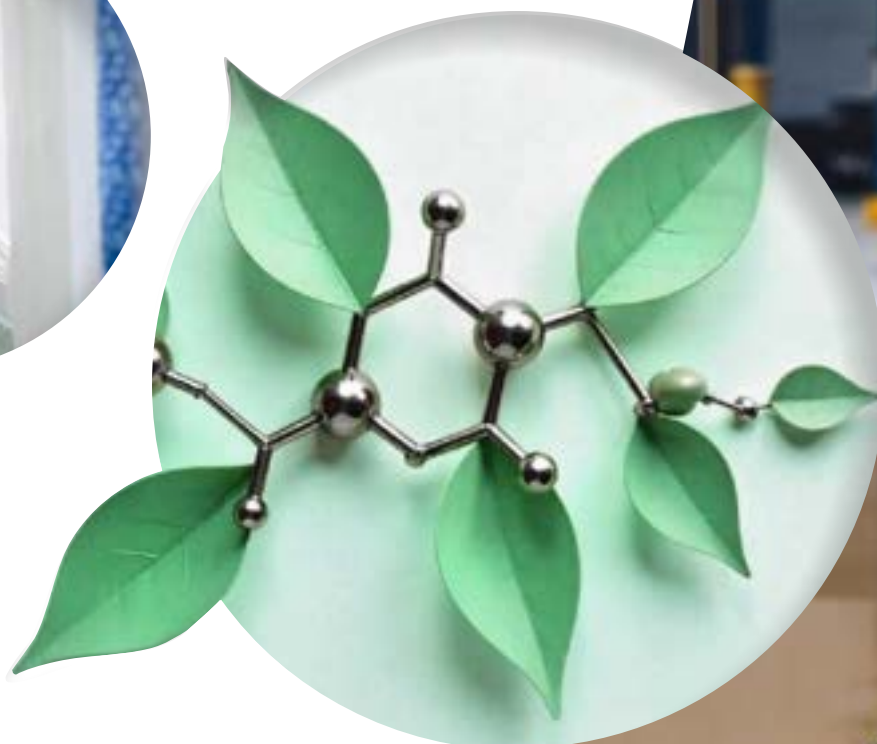




D.R.Coats Ink & Resins

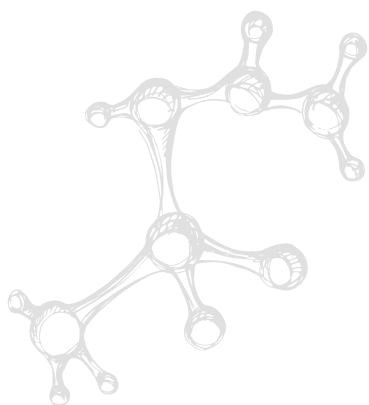


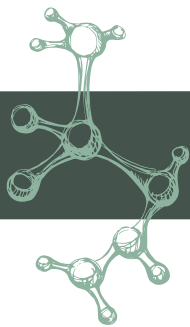
BIO-BASED AND INNOVATIVE PRODUCTS



MANUFACTURER & EXPORTER OF
SPECIALTY POLYMERS & RESINS

**COATINGS
AND ADHESIVES**





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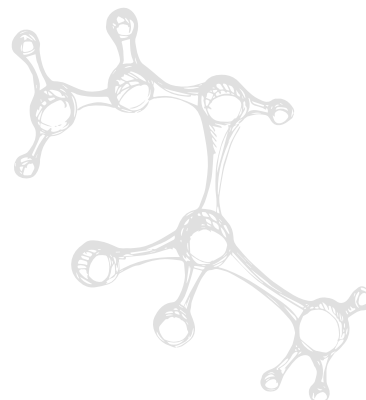
- BIO-BASED ADDITIVES (FATTY AMIDES)
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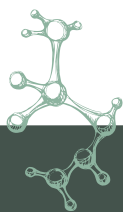
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ABOUT US

D.R. Coats Ink & Resins Pvt. Ltd. (DRC) is a professionally managed company established in the year 2003 with the vision of becoming one of the leading manufacturers of Synthetic Resins catering to Coatings, Printing Inks & Adhesives.

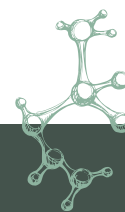
Having started initially with an annual production of not more than 140 Tons, in a very short span of time we've been able to grow to an annual capacity of 40,000 Tons. Our impeccable and consistent quality, short turn around time and after sales service have been factors that have contributed to this exponential growth. Our production facilities situated at strategic locations in MIDC Maharashtra & GIDC Gujarat offer us efficiency in exporting our products. At DRC, we give utmost priority to maintaining the quality of our products.

Stringent Quality Assurance & Quality Control norms have helped us achieve the ISO 9001:2015 certification, we are also in the process of being certified with ISO 14001 & OHSAS 18001. To ensure top notch quality of our products, we source our Raw Materials from top manufacturers in the world leaders. Our raw materials are further extensively checked in our lab before being taken into production. Our Finished Goods undergo stringent tests to ensure consistent quality of products. Our high quality products have enabled us to export to more than 51 countries across 6 continents & our excellent performance in export has been acknowledged by the Government of India by awarding us with Star Export House status.

We have also been cited as an emerging leader in the field of Synthetic Resin by Economic Times, the leading business publication in India.

OUR CERTIFICATIONS





POLYOLS EMULSIONS

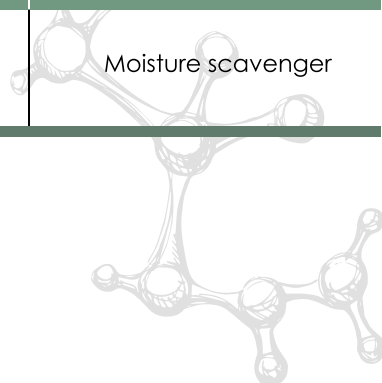
Product	Colour	Hydroxyl Content (%)	Viscosity @25° C (cP)	MIV (%)	Equivalent Weight (approx)	Density (approx)	pH (approx)	Applications
Drothane™ 2756	Milky liquid	2.7 - 3.3	100 - 400	28 - 32	565	1.0	7.0	Ideal for formulating coatings and mortars with high chemical resistance, tailored for the food and beverage industries
Drothane™ 2761	Milky liquid	2.3 - 2.9	100 - 400	28 - 32	675	1.0	7.0	Suitable for the formulation of cementitious 3K-pur screed utilized across the food and beverage industries.
Drothane™ 2762	Milky liquid	2.3 - 2.9	100 - 400	28 - 32	675	1.0	7.0	Suitable for the formulation of cementitious 3K-pur screed utilized across the food and beverage industries.
Drothane™ 2764	Milky liquid	2.3 - 2.9	100 - 400	28 - 32	675	1.0	7.0	Suitable for the formulation of cementitious 3K-pur screed utilized across the food and beverage industries.
Drothane™ 2767	Milky liquid	15.3 - 16.7	900 - 1500	09 - 11	110	1.1	6.5	Ideal for formulating coatings, mortars and sealers with high chemical resistance.

REACTIVE DILUENTS FOR BIO-POLYOLS

Product	Colour	OH Value (mg KOH/gm)	Viscosity @ 25°C (cP)	Acid Value (mg KOH/gm)	Moisture Content (%)	Equivalent Weight	Applications
Drothane™ 1500	10 max	260 -280	200 -400	3 max	0.2 max	205	Bifunctional reactive diluent
Drothane™ 1501	4 max	140-180	25 -150	2 max	0.2 max	310 -400	Bifunctional reactive diluent

MOLECULAR SIEVE PASTE

Product	Colour	OH Value (mg KOH/gm)	Viscosity @ 25°C (cP)	Acid Value (mg KOH/gm)	Moisture Content (%)	Equivalent Weight	Applications
Drolith™ MS 500	5 max	70-90	< 18000	-	-	700	Moisture scavenger



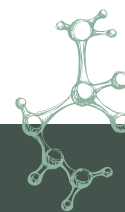


BIO-POLYOL (CNSL BASED)

Product	Colour	OH Value (mg KOH/gm)	Viscosity @ 25°C (cP)	Acid Value (mg KOH/gm)	Moisture Content (%)	Equivalent Weight	Applications
Drothane™ 2150	18 max	165 - 195	1700 - 2500	-	0.1 max	288 - 340	CASE, co-polyol in flexible and rigid foam

BIO-POLYOLS (CASTOR-OIL BASED)

Product	Colour (CGS)	OH Value (mg KOH/gm)	Viscosity @25° C (cP)	Acid Value (mg KOH/gm)	Moisture Content (%)	Equivalent Weight	Applications
Drothane™ 1145	5 max	225-240	2700-3200	2 max	0.2 max	240	Pipe coating, Flooring
Drothane™ 1146	5 max	180-220	3000-3500	3 max	0.2 max	280	Pipe coating, Flooring
Drothane™ 1147	5 max	180-200	1000-1500	3 max	0.2 max	300	Pipe coating, Flooring
Drothane™ 1148	10 max	70-100	4000-6000	3 max	0.2 max	650	Blending with other polyols to impact elasticity
Drothane™ 1150	5 max	150-160	3000-4000	3 max	0.2 max	360	Marking paint, Flooring, Top coat, Pipe coating, Sealant, Potting
Drothane™ 1151	5 max	200-230	500-800	3 max	0.3 max	270	Comfort flooring, Medium hard coatings for concrete and steel
Drothane™ 1152	5 max	210-240	500-800	3 max	0.3 max	260	Comfort flooring, Medium hard coatings for concrete and steel
Drothane™ O	5 max	160-170	600-900	3 max	0.2 max	340	Blending with other polyols, Primer
Drothane™ 1160	5 max	185-200	1000-2000	3 max	0.2 max	315	Flexible coating, Flooring
Drothane™ 1170	5 max	270-290	1500-2500	3 max	0.2 max	200	Pipe coating, Flooring
Drothane™ 1000 (Castor oil)	5 max	160-168	600-900	2 max	0.25 max	340	Urethanes, Adhesives, Plastics, Cosmetics, Inks, Rubber
Drothane™ 1001 (Castor oil)	5 max	160-168	600-900	0.1 max	0.1 max	340	Urethanes, Adhesives, Plastics, Cosmetics, Inks, Rubber
Drothane™ 1400	5 max	330-380	700-1000	3 max	0.2 max	160	Anti-corrosion coatings, High hardness coatings for concrete and steel

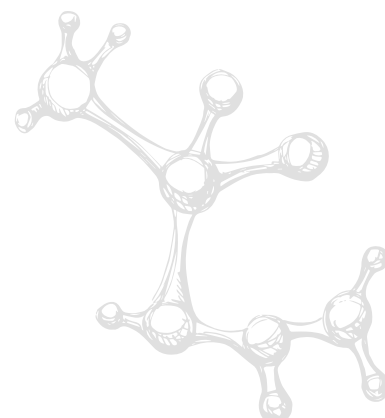


POLYURETHANE PRE-POLYMERS

Product	Base Isocyanate	NCOContent (%)	Viscosity @25° C (cP)	Equivalent Weight	Applications
Drodur® E 15	TDI	4.0 - 4.6	6000 - 8000	950	Can be combined with secondary diamines to formulate 2K flexible high build coatings. Moisture-curable that gives highly flexible film (roof coating).
Drodur® E 21	MDI	15.3 - 16.7	4000 - 6700	250 - 280	Moisture-curable 1K system used as primers and sealers for porous substances to provide resistance to moisture, oil, fuel, and other chemicals. Cures with other polyols, it gives wear-resistant coatings. Moisture-curable 1K adhesive.
Drodur® E 23	MDI	15 - 16	1500 - 2100	265 - 280	Moisture-curable 1K system used as primers and sealers for porous substances to provide resistance to moisture, oil, fuel, and other chemicals. Cures with other polyols, it gives wear-resistant coatings. Moisture-curable 1K adhesive.
Drodur® 2060	MDI	15 - 16	2500 - 3000	265 - 280	Moisture-curable 1K system used as primers and sealers for porous substances to provide resistance to moisture, oil, fuel, and other chemicals. Cures with other polyols, it gives wear-resistant coatings. Moisture-curable 1K adhesive.
Drodur® L 44	MDI	30.2 - 32.5	160 - 240	135	Polymeric MDI.
Drodur® 143	TDI	4.3	20,000-30,000	975	Castings such as Rollers, Pigs, Cyclone Separator in hardness Shore A 90 when chain extended with MOCA or Ethacure 300
Drodur® 163	TDI	6.3	15,000-25,000	670	Shore A 95 Castings

BENZYL DI METHYL AMINE (BDMA)

Product	Appearance	Color	AmineValue (mg KOH/gm)	Dosage	Specific Gravity @ 25°C	Applications
Dromine™ 500	Colorless light yellowish clear liquid	< 3	409 - 417	0.5 - 2.5	0.89 - 0.91	Catalyst for epoxy and polyurethane curing.





CHAIN EXTENDERS

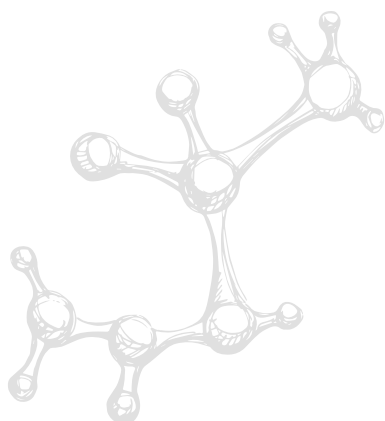
Product	Appearance	Viscosity @ 25°C (cP)	Molecular Weight	Equivalent Weight for Epoxy	Equivalent Weight for Isocyanate	Applications
Dromine™ 100	Clear yellow liquid	120 -200	178	44.5	89	Curing agent for epoxy resins and chain extender for polyurea elastomers.
Dromine™ 300	Clear amber liquid	350 -500	214	-	107	Chain extender for polyurea elastomers.

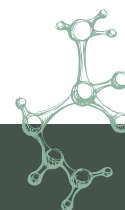
ANTIOXIDANT

Product	Appearance	Acid Value	Ash	Melting Point	Applications
Dronox™ 802	White, crystalline powder	0.05 max	0.01 Max	63.5 -68.5	Antioxidant used in polypropylene, polyethylene, PVC, and ABS; XLPE cables; HDPE pipes; and as an antioxidant in rubbers.

STYRENATED PHENOL

Product	Appearance	Color	OH Value	Viscosity	MIV	Specific Gravity	Applications
Dropox™ 601	Clear sight yellow liquid	2 max	200 -240	400 -800	<0.5	1.08	Non-reactive diluent in epoxy resin for epoxy flooring, marble coating & high solids epoxy coating
Dropox™ 602	Clear sight yellow liquid	2 max	180 -210	800 -1200	<0.5	1.08	Non-reactive diluent for anticorrosive epoxy coating, chemical resistant epoxy coating and epoxy putty and sealant
Dropox™ 603	Clear sight yellow liquid	2 max	170 -190	3000 -5000	<0.5	1.08	Non-reactive diluent for epoxy flooring, high weatherable coating, low temperature curing coating



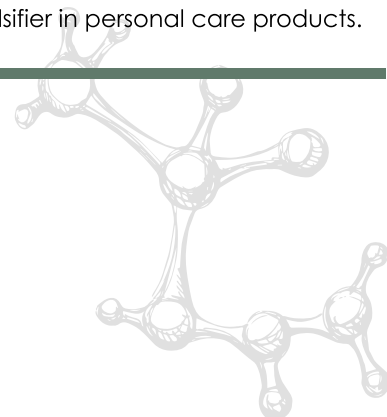


STYRENATED PHENOL ETHOXYLATES

Product	Appearance	HLB Value	Moisture	pH Value (1%aq.)	Hydroxyl Value	Cloud Point	Applications
Drosurf™ SPE 15	Clear liquid	11.9	0.2 max	6.0-8.0	55 -70	62 -66 (1% aq.)	Pigment stabilizer in paints, emulsifier and dispersing agent in emulsion polymerization. Emulsifier in pesticides, rubber tubing, conveyor belts, and latex-dipped rubber products for color filler dispersion, color concentrates.
Drosurf™ SPE 20	Clear liquid	13.6	0.2 max	6.0 -7.0	50 -60	49 -53	
Drosurf™ SPE 25	Clear liquid	15.2	0.2 max	0 –1.0	33 -43	56 -60	
Drosurf™ SPE 30	Clear liquid	16.8	0.2 max	6.0 –7.0 (10%)	32 -40	65 -70	

CASTOR OIL ETHOXYLATE

Product	Appearance	HLB Value	Moisture	pH Value (1%aq.)	Hydroxyl Value	Cloud Point	Applications
Drosurf™ Co 40	Clear Yellow liquid	13.5	0.2 max	5 - 7 (5%aq.)	55 -70	80 - 90 (1% aq.)	Emulsifying Agent - insecticides, pesticides, vitamins, fragrances, lotions, shampoos and cosmetics Solubilising Agent -dyeing acids and antistatic oils Dispersing Agent -dyeing acids, antistatic oils and universal tints Lubricating Agent -mud drilling, softeners, shaving creams, foams and lotions
Drosurf™ HCO 40	Waxy liquid	14.1	0.2 Max	6 - 8	60 -75	80 - 90	Excipient in pharmaceutical formulations. Solubilizing etheric oils and fragrances. Emulsifier in personal care products.



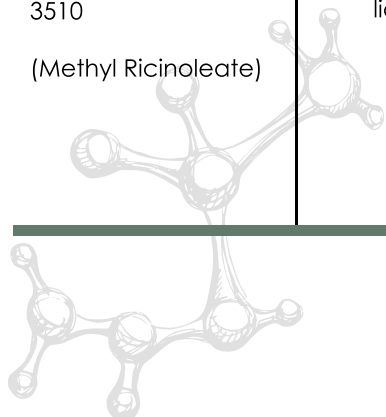


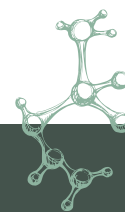
BIO-BASED ADDITIVES (FATTY AMIDES)

Product	Appearance	Acid Value (mg KOH/gm)	Viscosity @ 25°C by BF (cP)	Melting Point (°C)	Applications
Drowax™ 3500 (Bis amide wax based on vegetable oil)	Yellow powder beads / pellets	12 max	-	110 -120	Flow improver in alkyd resin; printing ink; carbon paper ink; concrete water repellency; anti-corrosion additive to lubricating oils; slip and anti-blocking agent in polar polymers.
Drowax™ 3501 (Erucamide)	White powder beads / pellets	1 max	-	78 -88	Polyolefin compounding for color masterbatches; automobile compounds; PP syringes; slip and anti-blocking agent in inks.
Drowax™ 3504 (Castor oil based polyamide)	White to amber flakes / powder	8 max	-	137 - 147	Anti-sagging agent in paint. Rheological modifier in coatings and adhesives. Anti-settling agent in pre-filled system. Internal lubricant in rubber/PVC blends.

BIO-BASED ADDITIVES (FATTY ESTERS)

Product	Appearance	Acid Value (mg KOH/gm)	Viscosity @ 25°C by BF (cP)	Melting Point (°C)	Applications
Drowax™ 3506 (Replacement of Nonyl Phenol in epoxy)	Clear yellowish liquid	2 max	50 - 150	-	Acts as an alternative to Nonyl-Phenol in epoxy resins and curing agents. Can be incorporated at levels lower than that of nonyl-phenol to get the same effect.
Drowax™ 3509	Clear yellowish liquid	2 max	50 - 150	-	Plasticizer: Applied in coatings, inks, adhesives, and PVC. Lubricant: Suitable for cutting oils, metalworking fluids, and textile processing. Emulsifiable Degreaser: Effective for cleaning applications.
Drowax™ 3510 (Methyl Ricinoleate)	Clear yellow liquid	5 max	20 - 60	-	Lubricant formulations: Coolant in metal working process. Corrosion inhibitor additive. Plasticizer: In nitrile rubber, NC, PVA, PVB, and polyurethane. Emollient: In personal care. Defoaming formulation In paper industry. Fuel additive



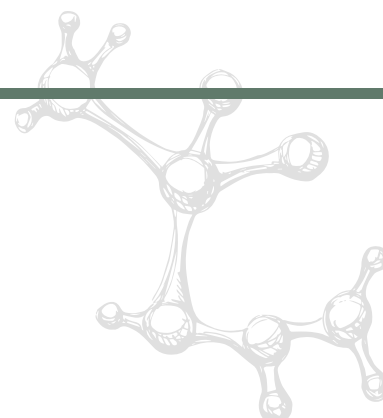


FATTY ACIDS

Product	Appearance	Acid Value (mg KOH/gm)	Viscosity @ 25°C by BF (cP)	Melting Point (°C)	Applications
Drofat™ 285 (Ricinoleic acid)	Clear pale yellow liquid	175 min	350-450	-	Lubricant, Grease, Urethanes, Cosmetics, Pharmaceuticals and Textiles
Drofat™ 286 (12-HSA)	White to cream flakes/powder/granules	> 175	-	> 74	Manufacturing Grease: Lithium salt of Drowax 3503 acts as a thickener. Plastics Processing: Improves flow and functions as a thixotropic agent in rubber paints and epoxy polyamide coatings. Personal Care Products: Used as an emollient in skin care, hair care, and makeup products. Metal Working: Enhances performance in various metalworking applications. Thermosetting Polymers: Reacts with acrylic esters to create thermosetting polymers used in coatings for metal-decorative finishes, industrial appliances, and automotive applications.

EPOXYDISED SOYBEAN OIL

Product	Appearance	Acid Value (mg KOH/gm)	Viscosity @ 25°C by BF (cP)	Melting Point (°C)	Applications
Drowax™ 3507 (ESBO with 6.2% oxirane and MIV < 0.1)	Clear liquid	1.5 max	125 - 135	-	Flexible PVC formulations, soy-based inks, pesticides and insecticides, lubricants and cutting oils, fuel additives, adhesives, sealants, and coatings.
Drowax™ 3508 (ESBO with 6.5% oxirane and MIV < 0.1)	Clear liquid	1.2 max	125 - 135	-	Similar uses as Drowax 3507 in flexible PVC, inks, lubricants, and various chemical preparations



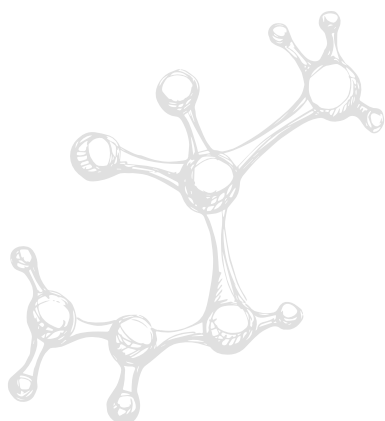


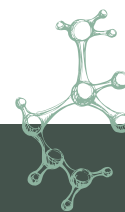
BIO-BASED SPECIALITY

Product	Appearance	Acid Value (mg KOH/gm)	Viscosity @ 25°C by BF (cP)	Melting Point (°C)	Applications
Drotint™ 700 (Polyoxy-ethylene vegetable oil)	Clear yellow liquid	-	600 -1000	-	Color development (Tinting)

CARDANOL

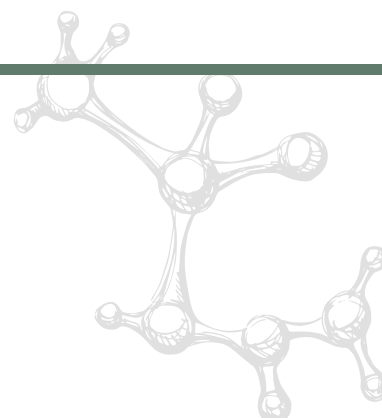
Product	Colour (CGS)	Viscosity @ 25°C (cP)	Iodine Value (wiji's)	Volatile Loss @ 205°C (%)	Moisture (%)	Applications
Drocard™ 201 (Single distilled)	11 max	50 - 60	250 max	2 max	1 max	Epoxy hardeners, Polyols
Drocard™ 202 (Double distilled)	6 max	45 - 55	250 max	2 max	1 max	Epoxy hardeners, Polyols





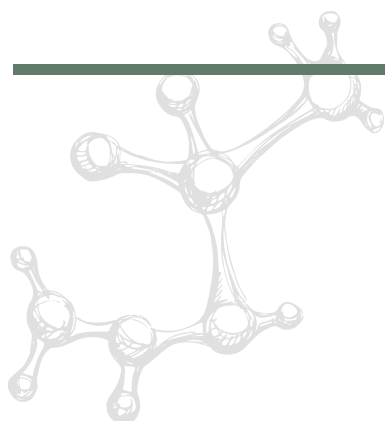
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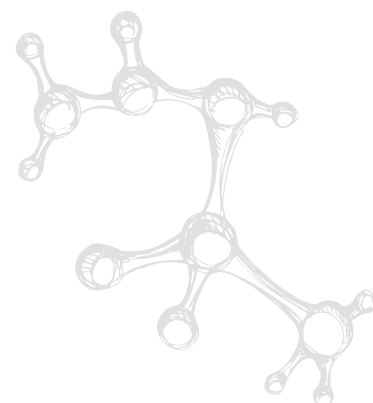
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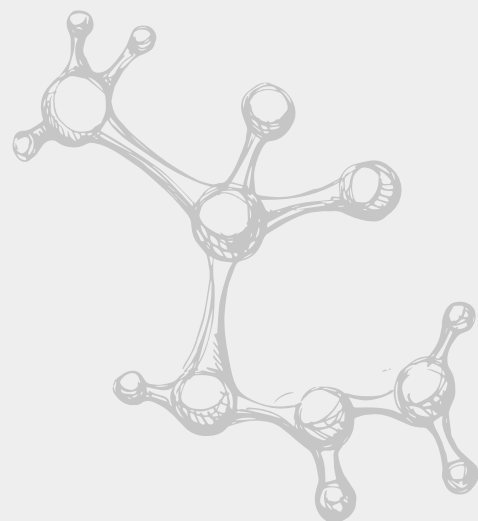


NOTES

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ADDING VALUES TO THE VALUABLE LIFE!



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