From Discovery to Launch

Advancion provides dedicated support for multiple Life Sciences applications, including molecular, biotechnology and pharmaceutical. We offer specialized testing, custom blending and multiple packaging options to meet a wide variety of customer needs. Discover how we can work with you to identify the optimal solutions for your organization.

PACKAGING

- cGMP IPEC-PQG
- Wide range of available packaging configurations

ANALYTICAL

- ICP/MS
- GC and HPLC
- ISO 9001: 2015 certified

WAREHOUSING

- On-site storage options
- Ambient and controlled temperature capabilities

PURCHASING

- Global sourcing capabilities
- Formalized supplier lifecycle management program
- Non-animal origin

Product Stewardship

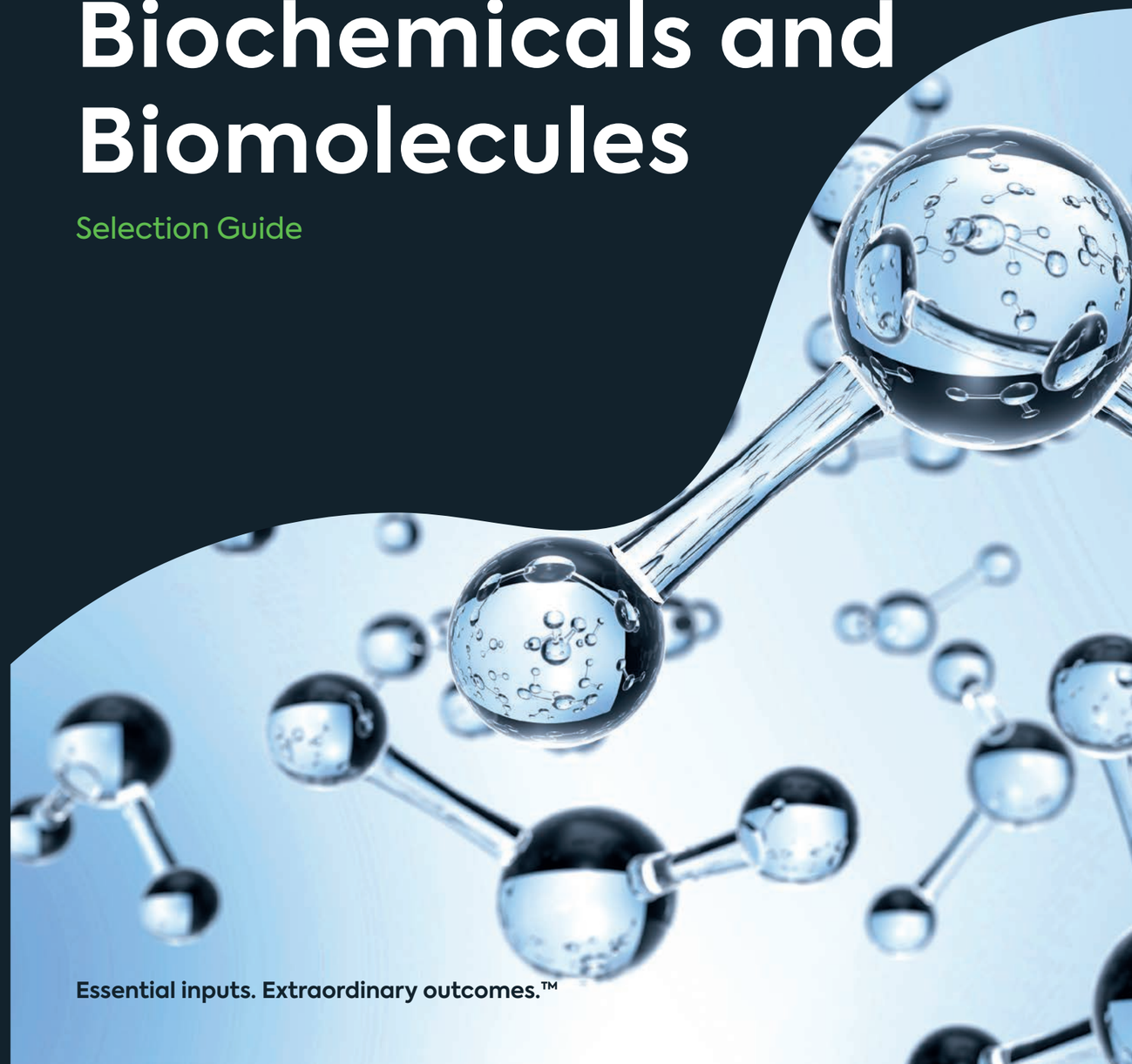
Through our investments in application and new product development, we have a deep understanding of where our chemistries are (and can potentially be) used to actively address global trends in Life Sciences, Beauty and Personal Care, and other essential industries to help make our lives healthier, and more sustainable and comfortable. To help ensure that Advancion products are not used in ways for which they are not intended, Advancion personnel will assist customers in dealing with environmental and product safety considerations. Before handling any of the products, obtain available product safety information including the Safety Data Sheet(s) and take the necessary steps to ensure safety of use. For assistance, product Safety Data Sheets, or other information, please visit advancionsciences.com or contact us at info@advancionsciences.com.

Advancion

LIFE SCIENCES

Biochemicals and Biomolecules

Selection Guide



Dedicated To What Matters

At Advancion, we are committed to delivering high-quality chemistries from the world's leading producers through a qualified, traceable and integrated supply chain. We promote consistency and sustainability in our processes by following a single Quality Management System applicable to all our biochemical, buffer and salt products. Our dedication to providing superior products and supply chain solutions for your R&D, scale-up and production needs is more than just an ongoing commitment – **it's what we do**.

	Product Information												Application	
		GMID (100g)	GMID (1kg)	GMID (10kg)	GMID (25kg)	GMID (50kg)	Compendia	cGMP	COO	CAS #	Formula	Molecular Weight	BSE/TSE FREE	Upstream Fermentation and Cell Harvest	Downstream Protein Purification
AMINO ACIDS AND RELATED SUBSTANCES	Hypoxanthine Sodium	145998	146001	–	146000	–	–		China	45738-97-4	C_5H3N_4NaO	158.11	●	●	
	L-Asparagine Anhydrous	–	146039	–	149651	–	–	●	Italy	70-47-3	$C_4H_8N_2O_3$	132.12	●	●	
	L-Asparagine Monohydrate	–	–	151691	146052	–	FCC/EP	●	Italy	5794-13-8	$C_4H_{10}N_2O_4$	150.13	●	●	
	L-Glutamine	–	–	215968*	–	–	–	●	Brazil	56-85-9	$C_5H_{10}N_2O_3$	146.15	●	●	
	L-Glutamine	–	375711	375712 ▲	–	–	USP	●	Brazil	56-85-9	$C_5H_{10}N_2O_3$	146.15	●	●	
	L-Tyrosine Disodium Salt Dihydrate	–	–	149693	146228	–	–		USA	122666-87-9	$C_9H_9NO_3Na_2•2H_2O$	261.19	●	●	
	Pyruvic Acid Sodium	–	234256 ●	–	146418	–	–		China	113-24-6	$C_3H_3NaO_3$	110.04	●	●	
BIOCHEMICALS, BUFFERS AND SALTS	Calcium Chloride Anhydrous	–	–	151948	376173	–	ACS		Japan	10043-52-4	$CaCl_2$	110.98	●	●	●
	Choline Chloride	–	–	145761 ●	–	–	FCC	●	China	67-48-1	$C_5H_{14}ClNO$	139.62	●	●	●
	Choline Chloride	–	149665	255861 ●	–	–	USP	●	USA and China**	67-48-1	$C_5H_{14}ClNO$	139.62	●	●	●
	Magnesium Chloride Anhydrous	–	–	–	–	146245	–		USA	7786-30-3	$MgCl_2$	95.21	●	●	●
	Magnesium Sulfate Anhydrous	–	–	149695	146254	149633	USP	●	USA	7487-88-9	$MgSO_4$	120.36	●	●	●
	Potassium Chloride	–	–	–	252844	–	USP/EP	●	USA	7447-40-7	KCl	74.55	●	●	●
	Sodium Phosphate Dibasic Anhydrous	–	–	146479	–	146478	ACS/USP	●	USA	7558-79-4	Na_2HPO_4	141.96	●	●	●
	Sodium Phosphate Dibasic Heptahydrate	–	–	–	–	146486	ACS/USP	●	USA	7782-85-6	$Na_2HPO_4•7H_2O$	268.07	●	●	●
	Sodium Phosphate Monobasic Anhydrous	–	–	146491	–	–	USP	●	USA	7558-80-7	NaH_2PO_4	119.98	●	●	●
	Sodium Phosphate Monobasic Monohydrate	–	–	–	–	149713	ACS/USP	●	USA	10049-21-5	$NaH_2PO_4•H_2O$	137.99	●	●	●
VITAMINS AND NUCLEOTIDES	D-(+)-Biotin	145795	–	–	–	–	USP/EP	●	China	58-85-5	$C_{10}H_{16}N_2O_3S$	244.31	●	●	
	Cyanocobalamin	255878	376046	–	–	–	USP/EP	●	China	68-19-9	$C_{63}H_{88}CoN_{14}O_{14}P$	1355.39	●	●	
	Cyanocobalamin	146575	–	–	–	–	USP	●	China	68-19-9	$C_{63}H_{88}CoN_{14}O_{14}P$	1355.39	●	●	
	Cytidine	254733	145789	–	–	–			Canada	65-46-3	$C_9H_{13}N_3O_5$	243.22	●	●	
	Thymidine	146535	146536	–	–	–	–		Canada	50-89-5	$C_{10}H_{14}N_2O_5$	242.23	●	●	

*7kg ● 2.5kg ▲ 12kg

**Depending on package size