

### Calamos Funds Portfolio Data as of 07/31/19 (unaudited)

This presentation is for informational purposes only and should not be substituted for fiscal quarter-end portfolio holdings filed with the SEC. These holdings include securities and cash equivalents.

#### Important Legal Information

The portfolio data is "as of" the date indicated and may not represent current or future portfolio composition. Portfolio holdings are subject to change daily without notice. Includes cash and cash equivalents and excludes forwards, futures, and swaps. Unlike the fund's regulatory filings, the portfolio data and its presentation in this document are not required to conform to Generally Accepted Accounting Principles (GAAP) and Securities and Exchange Commission (SEC) requirements and are unaudited. Therefore, this information may differ from that information contained in the annual and semi-annual reports to shareholders filed with the SEC on Form N-CSR or Form N-Q. This information does not constitute a recommendation or offer for a particular security, nor should it be taken as a solicitation or recommendation to buy or sell securities or other investments.

Date	Fund Name	Security Name	Ticker	Investment Type Name	Major Industry Name	Issue Country Name	Local Currency Name	Shares/Par Value	Local Market Value	Base Market Value	Percent of Investments	Interest Rate	Maturity Date
07/31/19	Calamos Emerging Market Equity Fund	Tencent Holdings, Ltd.	700 HK	Common Stocks	Communication Services	China	Hong Kong Dollar	21,100	7,695,945	983,112	6.42%		
07/31/19	Calamos Emerging Market Equity Fund	Alibaba Group Holding, Ltd.	BABA US	Common Stocks	Consumer Discretionary	China	US Dollar	5,650	978,072	978,072	6.39%		
07/31/19	Calamos Emerging Market Equity Fund	Samsung Electronics Company, Ltd.	005930 KS	Common Stocks	Information Technology	Korea (The Republic Of)	South Korean Won	16,050	719,193,503	607,889	3.97%		
07/31/19	Calamos Emerging Market Equity Fund	Taiwan Semiconductor Manufacturing Company, Ltd.	2330 TT	Common Stocks	Information Technology	Taiwan (Province Of China)	US Dollar	71,000	18,154,692	583,837	3.82%		
07/31/19	Calamos Emerging Market Equity Fund	HOBC Bank, Ltd.	HOBC US	Common Stocks	Financials	India	US Dollar	4,400	505,912	505,912	3.31%		
07/31/19	Calamos Emerging Market Equity Fund	Ping An Insurance Group Company of China, Ltd. - Class H	2318 HK	Common Stocks	Financials	China	Hong Kong Dollar	35,600	3,284,494	419,575	2.74%		
07/31/19	Calamos Emerging Market Equity Fund	Bank Central Asia, Tbk PT	BBCA LI	Common Stocks	Financials	Indonesia	Indonesian Rupiah	161,513	4,970,174,072	354,582	2.32%		
07/31/19	Calamos Emerging Market Equity Fund	Naspers, Ltd. - Class N	NPS SI	Common Stocks	Communication Services	South Africa	South African Rand	1,293	4,530,889	315,382	2.06%		
07/31/19	Calamos Emerging Market Equity Fund	Banco do Brasil, SA	BBAS3 BZ	Common Stocks	Financials	Brazil	Brazilian Real	22,000	1,082,840	283,737	1.85%		
07/31/19	Calamos Emerging Market Equity Fund	Ayala Land, Inc.	ALI PM	Common Stocks	Real Estate	Philippines (The)	Philippine Peso	268,500	13,322,762	261,808	1.71%		
07/31/19	Calamos Emerging Market Equity Fund	Reliance Industries, Ltd.	RELI NY US	Common Stocks	Energy	India	US Dollar	7,725	259,945	259,945	1.70%		
07/31/19	Calamos Emerging Market Equity Fund	Infobyte, Ltd.	INFY US	Common Stocks	Information Technology	India	US Dollar	22,800	258,096	258,096	1.69%		
07/31/19	Calamos Emerging Market Equity Fund	AIA Group, Ltd.	1299 HK	Common Stocks	Financials	Hong Kong	Hong Kong Dollar	24,800	1,990,836	254,318	1.66%		
07/31/19	Calamos Emerging Market Equity Fund	CP ALL, PCL	CPALL FT	Common Stocks	Consumer Staples	Thailand	Thailand Baht	84,400	7,241,679	235,463	1.54%		
07/31/19	Calamos Emerging Market Equity Fund	Vietac Finance Vietnam ETF	VNMF US	Other	United States Of America (The)	United States Of America (The)	US Dollar	14,400	232,892	232,892	1.52%		
07/31/19	Calamos Emerging Market Equity Fund	New Oriental Education & Technology Group, Inc.	EDU US	Common Stocks	Consumer Discretionary	China	US Dollar	2,210	230,525	230,525	1.51%		
07/31/19	Calamos Emerging Market Equity Fund	ICICI Bank, Ltd.	IBN US	Common Stocks	Financials	India	US Dollar	18,700	228,327	228,327	1.49%		
07/31/19	Calamos Emerging Market Equity Fund	Titu Limbaco Holding, SA	TLIB US	Common Stocks	Financials	US Dollar	24,650	225,548	225,548	1.47%			
07/31/19	Calamos Emerging Market Equity Fund	Sea, Ltd.	SE US	Common Stocks	Communication Services	Singapore	US Dollar	6,100	214,110	214,110	1.40%		
07/31/19	Calamos Emerging Market Equity Fund	MercaDolivre, Inc.	MLU US	Common Stocks	Information Technology	Argentina	US Dollar	208,176	208,176	208,176	1.36%		
07/31/19	Calamos Emerging Market Equity Fund	Walmart de Mexico, SAB de CV	WALMEX MM	Common Stocks	Consumer Staples	Mexico	Mexican Peso	66,200	3,743,610	195,349	1.28%		
07/31/19	Calamos Emerging Market Equity Fund	CNOOC, Ltd.	CNO US	Common Stocks	Energy	China	US Dollar	1,170	193,436	193,436	1.26%		
07/31/19	Calamos Emerging Market Equity Fund	Gol Linhas Aereas Inteligentes, SA	GOL US	Common Stocks	Industrials	Brazil	US Dollar	8,600	184,728	184,728	1.21%		
07/31/19	Calamos Emerging Market Equity Fund	IBR Brasil Resseguro, SA	IBRBR BZ	Common Stocks	Financials	Brazil	Brazilian Real	7,200	684,000	179,229	1.17%		
07/31/19	Calamos Emerging Market Equity Fund	Mapeira Lusa, SA	MGLS BZ	Common Stocks	Consumer Discretionary	Brazil	Brazilian Real	2,550	672,486	176,211	1.15%		
07/31/19	Calamos Emerging Market Equity Fund	Dino Polska, SA	DNP PW	Common Stocks	Consumer Staples	Poland	Polish Zloty	4,600	670,124	172,893	1.13%		
07/31/19	Calamos Emerging Market Equity Fund	Globant, SA	GOB US	Common Stocks	Information Technology	Argentina	US Dollar	1,590	168,540	168,540	1.10%		
07/31/19	Calamos Emerging Market Equity Fund	FirstRand, Ltd.	FIR SA	Common Stocks	Financials	South Africa	South African Rand	37,700	2,312,809	163,211	1.05%		
07/31/19	Calamos Emerging Market Equity Fund	Li Ning Company, Ltd.	2331 HK	Common Stocks	Consumer Discretionary	China	Hong Kong Dollar	63,500	1,225,522	156,553	1.02%		
07/31/19	Calamos Emerging Market Equity Fund	Arco Platform, Ltd. - Class A	ARCE US	Common Stocks	Consumer Discretionary	Brazil	US Dollar	3,500	154,490	154,490	1.01%		
07/31/19	Calamos Emerging Market Equity Fund	Kuehne+Nagel Company, Ltd. - Class A	600519 C1	Common Stocks	Consumer Staples	China	Yuan Renminbi	1,892	1,054,489	153,445	1.00%		
07/31/19	Calamos Emerging Market Equity Fund	iShares MSCI Saudi Arabia Capped ETF	KSAX US	Exchange-Traded Funds	Other	United States Of America (The)	US Dollar	4,650	151,311	151,311	0.99%		
07/31/19	Calamos Emerging Market Equity Fund	Localiza Rent a Car, SA	RNT3 BZ	Common Stocks	Industrials	Brazil	Brazilian Real	13,100	576,400	151,034	0.99%		
07/31/19	Calamos Emerging Market Equity Fund	Randon, SA Implementos e Participacoes	RAP F4 BZ	Common Stocks	Industrials	Brazil	Brazilian Real	57,300	567,263	148,792	0.97%		
07/31/19	Calamos Emerging Market Equity Fund	E-Sun Financial Holding Company, Ltd.	2884 TT	Common Stocks	Financials	Taiwan (Province Of China)	New Taiwan Dollar	171,976	4,438,666	143,943	0.96%		
07/31/19	Calamos Emerging Market Equity Fund	Cia de Minas Buenaventura, SAA	BVN US	Common Stocks	Materials	Peru	US Dollar	9,300	141,732	141,732	0.93%		
07/31/19	Calamos Emerging Market Equity Fund	International Container Terminal Services, Inc.	ICT PM	Common Stocks	Industrials	Philippines (The)	Philippine Peso	51,600	6,966,000	136,890	0.89%		
07/31/19	Calamos Emerging Market Equity Fund	China Overseas Land & Investment, Ltd.	688 HK	Common Stocks	Real Estate	China	Hong Kong Dollar	1,067,840	1,067,840	136,890	0.89%		
07/31/19	Calamos Emerging Market Equity Fund	Hana Financial Group, Inc.	086790 KS	Common Stocks	Financials	Korea (The Republic Of)	South Korean Won	4,650	161,026,953	136,106	0.89%		
07/31/19	Calamos Emerging Market Equity Fund	iShares MSCI Turkey ETF	TUR US	Exchange-Traded Funds	Other	United States Of America (The)	US Dollar	5,200	135,720	135,720	0.89%		
07/31/19	Calamos Emerging Market Equity Fund	Credentis, Ltd.	84F US	Common Stocks	Financials	Peru	US Dollar	620	135,154	135,154	0.88%		
07/31/19	Calamos Emerging Market Equity Fund	Lojas Renner, SA	LRNS BZ	Common Stocks	Consumer Discretionary	Brazil	Brazilian Real	6,070	696,398	132,692	0.87%		
07/31/19	Calamos Emerging Market Equity Fund	Bancolombia, SA	CIB US	Common Stocks	Financials	Colombia	Brazilian Real	2,640	131,683	131,683	0.86%		
07/31/19	Calamos Emerging Market Equity Fund	Notre Dame Intermedica Participacoes, SA	GNDB3 BZ	Common Stocks	Health Care	Brazil	Brazilian Real	11,400	498,280	130,538	0.85%		
07/31/19	Calamos Emerging Market Equity Fund	Accion Technology Corp.	2345 TT	Common Stocks	Information Technology	Taiwan (Province Of China)	New Taiwan Dollar	3,910,000	3,910,000	127,706	0.83%		
07/31/19	Calamos Emerging Market Equity Fund	iShares MSCI India Small-Cap ETF	SMIN US	Exchange-Traded Funds	Other	United States Of America (The)	US Dollar	3,650	127,403	127,403	0.83%		
07/31/19	Calamos Emerging Market Equity Fund	Longfor Group Holdings, Ltd.	960 HK	Common Stocks	Real Estate	China	Hong Kong Dollar	33,500	969,825	123,889	0.81%		
07/31/19	Calamos Emerging Market Equity Fund	Sinbon Electronics Company, Ltd.	3023 TT	Common Stocks	Information Technology	Taiwan (Province Of China)	New Taiwan Dollar	29,800	2,829,211	123,247	0.80%		
07/31/19	Calamos Emerging Market Equity Fund	Technion Industries Company, Ltd.	669 HK	Common Stocks	Consumer Discretionary	Hong Kong	Hong Kong Dollar	16,500	960,551	122,705	0.80%		
07/31/19	Calamos Emerging Market Equity Fund	Wuxi Biologics Cayman, Inc.	2269 HK	Common Stocks	Health Care	China	Hong Kong Dollar	11,500	956,706	122,214	0.80%		
07/31/19	Calamos Emerging Market Equity Fund	Sany Heavy Industry Company, Ltd.	600331 C1	Common Stocks	Industrials	China	Yuan Renminbi	59,000	826,567	120,045	0.78%		
07/31/19	Calamos Emerging Market Equity Fund	Yum China Holdings, Inc.	YUMC US	Common Stocks	Consumer Discretionary	China	US Dollar	2,580	117,390	117,390	0.77%		
07/31/19	Calamos Emerging Market Equity Fund	Ace Hardware Indonesia Tbk PT	ACES U	Common Stocks	Consumer Discretionary	Indonesia	Indonesian Rupiah	896,000	1,640,967,041	117,070	0.77%		
07/31/19	Calamos Emerging Market Equity Fund	King Yuan Electronics Company, Ltd.	2454 TT	Common Stocks	Information Technology	Taiwan (Province Of China)	New Taiwan Dollar	112,000	3,635,212	116,258	0.76%		
07/31/19	Calamos Emerging Market Equity Fund	Tullow Oil, PLC	TUO UK	Common Stocks	Energy	United Kingdom	Hong Kong Dollar	48,900	94,218	114,578	0.75%		
07/31/19	Calamos Emerging Market Equity Fund	Hong Kong Exchanges & Clearing, Ltd.	388 HK	Common Stocks	Financials	Hong Kong	Hong Kong Dollar	3,400	896,477	114,520	0.75%		
07/31/19	Calamos Emerging Market Equity Fund	Taiwan Cement Corp.	1101 TT	Common Stocks	Materials	Taiwan (Province Of China)	New Taiwan Dollar	80,000	3,557,845	114,417	0.75%		
07/31/19	Calamos Emerging Market Equity Fund	LG Household & Health Care, Ltd.	051000 KS	Common Stocks	Consumer Staples	Korea (The Republic Of)	South Korean Won	1,108	135,251,171	114,353	0.75%		
07/31/19	Calamos Emerging Market Equity Fund	Dr. Reddy's Laboratories, Ltd.	RDY US	Common Stocks	Health Care	India	US Dollar	3,100	114,111	114,111	0.75%		
07/31/19	Calamos Emerging Market Equity Fund	Rio Tinto, Ltd.	RIO AU	Common Stocks	Materials	United Kingdom	Australian Dollar	1,700	166,376	113,773	0.74%		
07/31/19	Calamos Emerging Market Equity Fund	Rezon Industrial Corp, Ltd.	1515 TT	Common Stocks	Industrials	Taiwan (Province Of China)	New Taiwan Dollar	40,000	3,524,362	113,340	0.74%		
07/31/19	Calamos Emerging Market Equity Fund	Thai Beverage PLC	THBVS SP	Common Stocks	Consumer Staples	Thailand	Singapore Dollar	383,400	4,52,647	111,809	0.73%		
07/31/19	Calamos Emerging Market Equity Fund	ITC, Ltd.	ITCG LX	Common Stocks	Consumer Staples	India	US Dollar	28,000	110,320	110,320	0.72%		
07/31/19	Calamos Emerging Market Equity Fund	Mediatek, Inc.	2454 TT	Common Stocks	Information Technology	Taiwan (Province Of China)	New Taiwan Dollar	11,000	3,421,266	110,024	0.72%		
07/31/19	Calamos Emerging Market Equity Fund	Universal Robina Corp.	URC PM	Common Stocks	Consumer Staples	Philippines (The)	Philippine Peso	33,400	5,205,056	104,663	0.68%		
07/31/19	Calamos Emerging Market Equity Fund	Bangkok Expressway & Metro PCL	BEM FT	Common Stocks	Industrials	Thailand	Thailand Baht	306,400	3,217,200	104,607	0.68%		
07/31/19	Calamos Emerging Market Equity Fund	Galaxy Entertainment Group, Ltd.	27 HK	Common Stocks	Consumer Discretionary	Hong Kong	Hong Kong Dollar	15,000	799,328	102,109	0.67%		
07/31/19	Calamos Emerging Market Equity Fund	BR Brasil Operacao e Assessoria e Restaurantes, SA	BRB3 BZ	Common Stocks	Consumer Discretionary	Brazil	Brazilian Real	18,798	286,299	101,222	0.66%		
07/31/19	Calamos Emerging Market Equity Fund	Grupo Financiero Banorte, SAB de CV - Class O	GFNORTE MM	Common Stocks	Financials	Mexico	Mexican Peso	20,100	1,926,987	100,554	0.66%		
07/31/19	Calamos Emerging Market Equity Fund	Fidelity Prime Money Market Fund - Institutional Class, 2.510%	FIPRX US	Short Term Investments	Other	United States Of America (The)	US Dollar	97,988	98,017	98,017	0.64%		
07/31/19	Calamos Emerging Market Equity Fund	Morgan Stanley Institutional Liquidity Funds - Government Portfolio, 2.330%	MIPRX US	Short Term Investments	Other	United States Of America (The)	US Dollar	97,911	97,911	97,911	0.64%		
07/31/19	Calamos Emerging Market Equity Fund	Larsen & Toubro, Ltd.	LTOF US	Common Stocks	Industrials	India	US Dollar	97,902	97,902	97,902	0.64%		
07/31/19	Calamos Emerging Market Equity Fund	Baouin, Inc.	RZUN US	Common Stocks	Consumer Discretionary	China	US Dollar	1,900	94,259	94,259	0.62%		
07/31/19	Calamos Emerging Market Equity Fund	Telekomunikasi Indonesia Persero, Tbk PT	TIX US	Common Stocks	Communication Services	Indonesia	US Dollar	87,377	87,377	93,773	0.57%		
07/31/19	Calamos Emerging Market Equity Fund	Sr Hwyt, Inc.	000660 KS	Common Stocks	Information Technology	Korea (The Republic Of)	South Korean Won	1,120	99,970,857	84,499	0.55%		
07/31/19	Calamos Emerging Market Equity Fund	Anhui Conch Cement Company, Ltd. - Class H	914 HK	Common Stocks	Materials	China	Hong Kong Dollar	13,800	623,782	79,684	0.52%		
07/31/19	Calamos Emerging Market Equity Fund	Delta Electronics, Inc.	2308 TT	Common Stocks	Information Technology	Taiwan (Province Of China)	New Taiwan Dollar	16,000	2,401,639	77,234	0.50%		
07/31/19	Calamos Emerging Market Equity Fund	Aer Evolopos Group Company, Ltd. - Class A	300215 C1	Common Stocks	Communication Services	Korea (The Republic Of)	South Korean Won	1,400	523,696	76,508	0.50%		
07/31/19	Calamos Emerging Market Equity Fund	AfreecaTV Company, Ltd.	007160 KS	Common Stocks	Communication Services	Korea (The Republic Of)	South Korean Won	1,400	80,793,740	68,214	0.45%		
07/31/19	Calamos Emerging Market Equity Fund	AsiaMedia Technology, Inc.	5269 TT	Common Stocks	Information Technology	Taiwan (Province Of China)	New Taiwan Dollar	4,000	2,107,433	67,773	0.44%		
07/31/19	Calamos Emerging Market Equity Fund	China International Capital Corp, Ltd. - Class H	3808 HK	Common Stocks	Financials	China	Hong Kong Dollar	32,400	479,830	61,485	0.40%		
07/31/19	Calamos Emerging Market Equity Fund	Yandex, NV	YNDX 210115C000040C	Purchased Options	Information Technology	United States Of America (The)	US Dollar	29,110	29,110	59,100	0.39%	01/15/21	
07/31/19	Calamos Emerging Market Equity Fund	Xtrackers Harvest CSI 300 China A Shares ETF	ASHR 210115C000307	Purchased Options	Other	United States Of							