

TRIGON CHEMICALS PVT.LTD.				
Particle size analysis report				
Range : 0.1um - 716um				
Sample Name:AO 1425 PLAIN		SampleOwner:Polymer Add (Thailand) co. Ltd.		
Medium Name:Sunflower Oil		MeasureDept:QC Department		
Matter Index:1.52000+0.10000 Optical:Mie		Operator:Shraddha		
Medium Index:1.468		Mode:7.23 - 0	Test Date:2025-08-01	Test Time:15:45:00
Remark : 20250625 (1:3.00)-0-(0:3)				Distribution:Volume
D50:3.213um	D[4,3]:4.053um	D[3,2]:1.549um	Obscuration:4.69%	
Span:2.411	D[2,1]:0.371um	SSA:1433m^2/kg	Residual:0.760%	
D3:0.315um	D6:0.516um	D10:0.761um	D25:1.622um	D50:3.213um
D75:5.602um	D90:8.510um	D95:10.66um	D99:15.36um	D100:23.37um

Diam um	Diff%	Cumu%	Diam um	Diff%	Cumu%	Diam um	Diff%	Cumu%	Diam um	Diff%	Cumu%
0.000 - 0.100	0.31	0.31	0.848 - 0.944	1.65	13.12	8.021 - 8.926	2.9	91.33	75.78 - 84.33	0	100
0.100 - 0.111	0.12	0.43	0.944 - 1.051	1.86	14.98	8.926 - 9.933	2.42	93.75	84.33 - 93.85	0	100
0.111 - 0.123	0.13	0.56	1.051 - 1.170	2.1	17.08	9.933 - 11.05	1.91	95.66	93.85 - 104.4	0	100
0.123 - 0.137	0.15	0.71	1.170 - 1.302	2.31	19.39	11.05 - 12.30	1.47	97.13	104.4 - 116.2	0	100
0.137 - 0.153	0.19	0.9	1.302 - 1.449	2.59	21.98	12.30 - 13.69	1.08	98.21	116.2 - 129.3	0	100
0.153 - 0.170	0.19	1.09	1.449 - 1.612	2.84	24.82	13.69 - 15.23	0.75	98.96	129.3 - 143.9	0	100
0.170 - 0.189	0.23	1.32	1.612 - 1.794	3.13	27.95	15.23 - 16.95	0.5	99.46	143.9 - 160.2	0	100
0.189 - 0.211	0.27	1.59	1.794 - 1.997	3.44	31.39	16.95 - 18.87	0.3	99.76	160.2 - 178.2	0	100
0.211 - 0.235	0.31	1.9	1.997 - 2.222	3.71	35.1	18.87 - 21.00	0.16	99.92	178.2 - 198.4	0	100
0.235 - 0.261	0.35	2.25	2.222 - 2.473	4.02	39.12	21.00 - 23.37	0.07	99.99	198.4 - 220.8	0	100
0.261 - 0.291	0.41	2.66	2.473 - 2.752	4.3	43.42	23.37 - 26.00	0.01	100	220.8 - 245.7	0	100
0.291 - 0.324	0.45	3.11	2.752 - 3.063	4.54	47.96	26.00 - 28.94	0	100	245.7 - 273.4	0	100
0.324 - 0.360	0.52	3.63	3.063 - 3.409	4.69	52.65	28.94 - 32.21	0	100	273.4 - 304.3	0	100
0.360 - 0.401	0.6	4.23	3.409 - 3.794	4.85	57.5	32.21 - 35.84	0	100	304.3 - 338.6	0	100
0.401 - 0.446	0.67	4.9	3.794 - 4.222	4.9	62.4	35.84 - 39.89	0	100	338.6 - 376.9	0	100
0.446 - 0.497	0.8	5.7	4.222 - 4.699	4.9	67.3	39.89 - 44.39	0	100	376.9 - 419.4	0	100
0.497 - 0.553	0.88	6.58	4.699 - 5.229	4.79	72.09	44.39 - 49.40	0	100	419.4 - 466.8	0	100
0.553 - 0.615	1	7.58	5.229 - 5.819	4.6	76.69	49.40 - 54.98	0	100	466.8 - 519.4	0	100
0.615 - 0.685	1.15	8.73	5.819 - 6.476	4.32	81.01	54.98 - 61.19	0	100	519.4 - 578.1	0	100
0.685 - 0.762	1.28	10.01	6.476 - 7.207	3.94	84.95	61.19 - 68.09	0	100	578.1 - 643.3	0	100
0.762 - 0.848	1.46	11.47	7.207 - 8.021	3.48	88.43	68.09 - 75.78	0	100	643.3 - 716.0	0	100

