

ZTS1240 - Report - Zeta

Malvern Panalytical



ZTS1240 - Report - Zeta

Malvern Panalytical

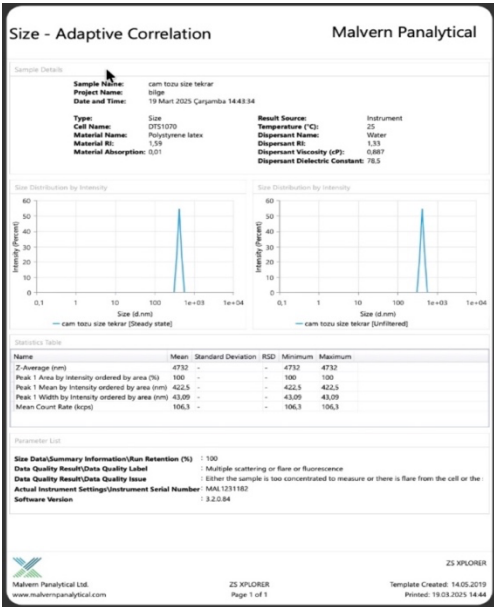
Test Box

Zeta Potential - Verification Criteria - ZTS1240 Zeta Transfer Standard

Parameter	Typical Mean Value	Minimum Mean Value	Maximum Mean Value	Criteria
Mean Zeta Potential (mV)	-40	-43.8	-36.2	Pass/Fail
Zeta Deviation (mV)	<10	0	15	Indicative
Conductivity (mS/cm)	0.3	N/A	N/A	Indicative
Reference Beam Count Rate (kcps)	>2000	800	N/A	Indicative

Parameter List

Actual Instrument Settings/Instrument Serial Number: MAL1231182
Software Version: 3.2.0.84



CamTozu 3/14/2025 13:54

Bulk-Oxide Results,	Units,	Det. Limit, El. Line	Intensity, w/o	normal
Na2O	1,0043 mass%	0,09014 Na-KA	0,092	3,9698
MgO	3,0528 mass%	0,08024 Mg-KA	0,8358	12,0677
Al2O3	28,2585 mass%	0,07025 Al-KA	27,0144	111,7041
SiO2	53,7546 mass%	0,07438 Si-KA	51,2554	212,4889
P2O5	0,0385 mass%	0,00788 P-KA	0,0697	0,1521
SO3	0,0415 mass%	0,00623 S-KA	0,0671	0,1641
Cl	0,0317 mass%	0,00983 Cl-KA	0,0371	0,1253
K2O	0,2052 mass%	0,00689 K-KA	0,9102	0,8111
CaO	13,12 mass%	0,01725 Ca-KA	47,095	51,8624
TiO2	0,1724 mass%	0,02341 Ti-KA	0,2165	0,6817
Fe2O3	0,2828 mass%	0,00603 Fe-KA	2,6813	1,1179
SrO	0,0234 mass%	0,0017 Sr-KA	2,8195	0,0924
ZrO2	0,0143 mass%	0,00177 Zr-KA	2,0438	0,0566

S-BLEND,10,,,,,10