

ROTAP

Acceptable Matrices	Grain meals, flours, powders
Limit of Detection	N/A
Sample Size Requirement	250 grams
Equipment	Rotap and sieves
Reportable Units	%
Turnaround Time	3 business days
Is Rush Available	Yes 2x list price
Method Reference	AACC 66-20.01 modified

Method Description

Determines the particle size (by %) by sifting the product through various screen mesh.

Additional Requirements

Please supply estimated values if known. Please list screens/sieves required for your analysis (see list below).

Additional Information

Please provide a test request form with submitted sample.

SIEVES

Rotap & Alpine Screens

Note: Cannot combine rotaps and alpines on same sample. Rotap screens will work on alpine equipment (vacuum, but no alpine screens work on rotap equipment (shaker).

Rotap-we request 250 g

Rotap Screen O/½"	12.5mm	
Rotap Screen O/¾"	19mm	
Rotap Screen O/4	4750 microns	
Rotap Screen O/5	4000 microns	
Rotap Screen O/6	3350 microns	
Rotap Screen O/7	2800 microns	
Rotap Screen O/8	2360 microns	=Tyler #8 mesh
Rotap Screen O/10	2000 microns	=Tyler #9 screen
Rotap Screen O/12	1700 microns	
Rotap Screen O/14	1400 microns	
Rotap Screen O/16	1180 microns	=Tyler #14 screen
Rotap Screen O/18	1100 microns	=Tyler #16 screen
Rotap Screen O/20	850 microns	
Rotap Screen O/25	710 microns	=Tyler #24 screen
Rotap Screen O/30	600 microns	
Rotap Screen O/35	500 microns	=Tyler #32 screen
Rotap Screen O/40	425 microns	=Tyler #35 screen
Rotap Screen O/45	355 microns	
Rotap Screen O/50	300 microns	
Rotap Screen O/60	250 microns	
Rotap Screen O/70	212 microns	=Tyler #65 screen
Rotap Screen O/80	180 microns	
Rotap Screen O/100	150 microns	=Tyler #100 mesh
Rotap Screen O/120	125 microns	
Rotap Screen O/140	106 microns	
Rotap Screen O/200	75 microns	
Rotap Screen O/230	63 microns	
Rotap Screen O/325	45 microns	

Alpine-we request 250 g

Alpine Screen O/30	600 microns	
Alpine Screen O/40	425 microns	
Alpine Screen O/45	355 microns	
Alpine Screen O/50	300 microns	
Alpine Screen O/60	250 microns	(.0098")
Alpine Screen O/70	212 microns	
Alpine Screen O/80	180 microns	=Tyler #80 mesh; =8 Nitex
Alpine Screen O/100	150 microns	
Alpine Screen O/140	106 microns	
Alpine Screen O/200	75 microns	
Alpine Screen O/270	53 microns	
Alpine Screen O/325	45 microns	
Alpine Screen O/400	38 microns	(.0015")