



# APPLIED TECHNICAL SERVICES, INCORPORATED

1049 Triad Court, Marietta, Georgia 30062 • (770) 423-1400 Fax (770) 424-6415

## CHEMICAL TEST REPORT

Ref. C134060

Date December 17, 2008

Page 1 of 1

Customer: Sheffield Plastics, 199 Salisbury Road, Sheffield, MA 01257

Attention: Dennis Furlano

Purchase Order #: Credit card

Part #/Name:

Vivak sheet (See Test Results Table)

Material Designation: PETG resin material

Special Requirement: Samples prepared using microwave digestion techniques for lead analyzed.

ICP atomic emission techniques utilized to analyze for lead as per ASTM E1479-99(2005).

Lab Comment: GC/MS was used to identify and quantify the phthalate compounds according to ASTM D 7083 -04 *Standard Practice for Determination of Monomeric Plasticizers in Poly (Vinyl Chloride) (PVC) by Gas Chromatography*

### Test Results

Composition: (parts per million)

Identification	Pb	DnBP	BBP	DEHP	DnOP	DINP	DIDP
16 C.F.R. 1303 requirements	600 Max.	1000 Max.	1000 Max.	1000 Max.	1000 Max.	1000 Max.	1000 Max.
Vivak Sheet	<6	ND*	ND*	ND*	ND*	ND*	ND*

\*N.D. – None Detected < 250 ppm: Di-n-Butyl Phthalate (DnBP), Butyl Benzyl Phthalate (BBP), Di-Ethyl Hexyl Phthalate (DEHP), Di-n-Octyl Phthalate (DnOP), Di-Isononyl Phthalate (DINP) and Di Isodecyl Phthalate (DIDP)



Prepared by: *D.M. McKay* D. M. McKay  
Senior Chemist

Approved by: *P.E. Rogers* P. E. Rogers  
Manager

This report may not be reproduced except in full. This report represents interpretation of the results obtained from the test specimen and is not to be construed as a guaranty or warranty of the condition of the entire material lot. Measurement uncertainty available upon request where applicable.