

Phthalates in Polyvinyl Chloride

Art. ID	NIST-2860
Unit	2 levels and 1 blank, 2 g each
Deliverydetails	No Dangerous Good /not restricted

Description

This Standard Reference Material (SRM) is intended primarily for use in validating methods for determining six phthalate esters in polyvinyl chloride (PVC). The phthalates esters are di-n-butyl phthalate (DnBP), benzyl butyl phthalate (BBP), bis(2-ethylhexyl) phthalate (DEHP), di-n-octyl phthalate (DnOP), diisononyl phthalate (DINP), and diisodecyl phthalate (DIDP). A unit of NIST-2860 consists of shredded material as follows: one jar containing approximately 2 g of BLANK (PVC) with no phthalates added and two jars each containing approximately 2 g of Level I (Nominal Concentration 0.1 % Phthalates in PVC) and Level II (Nominal Concentration 2 % Phthalates in PVC) respectively, for a total of three jars. /// Sample value(s) - please ask for current certificate.

Text/Information	Analyte/Parameter	CAS number	Concentration/Value	Unit	Method	Source
Level I, certified value	Di(2-ethylhexyl)phthalate (DEHP)	[117-81-7]	1514 ± 33	µg/g		
Level I, certified value	Phthalic acid, bis-1-octyl ester (Bis-1-octyl phthalate, Di-n-octylphthalate)	[117-84-0]	1171 ± 83	µg/g		
for non-certified values please see certificate						