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• SoFieScint 1:1 Low Level On-line Detection

- Ultra - high sample uptake
- Improved sensitivity as the sample is less dilute
- Extremely low viscosity so excellent for use with our SoFie™ system
- Biodegradable
- Low toxicity
- Nearly odourless
- High flash point



SoFieScint 1:1 Flow Sample Hold
 ml Sample per 10ml of SoFieScint 1:1 (25°C)

SoFieScint 1:1 is the ideal scintillation cocktail for the LabLogic SoFie™ system whereby extremely low levels of activity are being detected. Due to its properties, SoFieScint has a high sample uptake and as such can be mixed with most sample types at ratios of down to 1:1. Consequently, your sample is less dilute and so detection sensitivity is improved.

	0	2.0	4.0	6.0	8.0	10.0
Methylene Chloride	All	Proportions				
Acetonitrile	All	Proportions				
Acetonitrile: 1% HOAc 75:25%	7 ml					
Acetonitrile: 1% HOAc 50:50%	5 ml					
Acetonitrile: 1% HOAc 25:75%	5 ml					
Acetonitrile: 1% HOAc 0:100%	10 ml					
Acetonitrile: 0.1% TFA 75:25%	7.5 ml					
Acetonitrile: 0.1% TFA 50:50%	5.5 ml					
Acetonitrile: 0.1% TFA 25:75%	5.5 ml					
Acetonitrile: 0.1% TFA 0:100%	+10 ml					
Acetonitrile: 0.1% TFA 75:25%	2.5-3 ml					
Acetonitrile: 0.1% TFA 50:50%	2.5-3 ml					
Acetonitrile: 0.1% TFA 25:75%	3.5 ml					
Acetonitrile: 0.1% TFA 0:100%	8 ml					
Hydrochloric Acid 0.1 N	6 ml					
Ammonium Acetate 15 mM	10 ml					
Ammonium Acetate 0.25 M	10 ml					
Washing Buffer 1X PBS	10 ml					
Ammonium Sulfate 0.1 M	10 ml					
Ammonium Fomate 1 M	4 ml					
Sodium Hydroxide 0.1 N	8 ml					
Sodium Chloride 0.5 M	10 ml					
Sodium Chloride 1 M	5ml					
Sucrose 40%						
Tris/HCl 0.05 M pH = 7	+10 ml					
Tris/HCl 0.5 M pH = 7	10 ml					



• Counting Efficiency

ml of sample/10ml of SoFieScint 1:1	% ³ H Efficiency	% ¹⁴ C Efficiency
1.0	55 %	90 %
10.0	26 %	90 %

Order No.	Description	Qty
LABSS30001	SoFieScint 1:1	16 Litres (4x4)