

Honeywell LabReady® Solvent Blends

Blends Modified by an Acid or a Base

Honeywell

Burdick & Jackson®

Family	Description	Packaging Options					
		2.5L	4L	20L NP	20L NS	56L	200L
462	0.1% Acetic Acid in Acetonitrile (v/v)		Standard	Standard			Request
832	0.1% Acetic Acid in 70% Acetonitrile / 30% Water (v/v)	Request					
464	0.1% Acetic Acid in Methanol (v/v)	Request	Standard	Standard			
467	0.1% Acetic Acid in Water (v/v)		Standard	Standard			Request
594	0.1% Acetic Acid in 95% Water / 5% Acetonitrile (v/v)						Request
891	0.32% Acetic Acid in 55% Water / 45% Acetonitrile (v/v)		Request				
558	1% Acetic Acid in 50% Water / 50% Acetonitrile (v/v)		Request				
810	3% Acetic Acid in 69% Water / 28% Methanol (v/v)		Standard				
426	5% Acetic Acid / 95% Methanol (v/v)		Standard			Standard	
2047	50% Glacial Acetic Acid / 50% Toluene (v/v)		Request				
893	85% Acetic Acid Solution (2%) / 15% Acetonitrile (v/v)		Request				
473	0.1% Ammonium Hydroxide in Acetonitrile (v/v)		Standard		Request		
829	0.1% Ammonium Hydroxide in 95% Acetonitrile / 5% Water (v/v)				Standard		
591	0.1% Ammonium Hydroxide in 90% DCM / 10% Methanol (v/v)		Request	Request			
554	0.1% Ammonium Hydroxide in Methanol (v/v)				Request		
472	0.1% Ammonium Hydroxide in Water (v/v)		Standard			Request	
878	0.1% Ammonium Hydroxide in 95% Methanol / 5% Water (v/v)				Request		
596	1% Ammonium Hydroxide in Acetonitrile (v/v)				Request		
471	1% Ammonium Hydroxide in 90% DCM / 10% Methanol (v/v)		Standard				
595	1% Ammonium Hydroxide in Water (v/v)				Request		
2085	1% Ammonium Hydroxide in 99% Isopropyl Alcohol (v/v)		Request				
863	0.1% Diethylamine in Methanol (v/v)					Request	
805	0.2% 1,2 Diethylamine in Acetonitrile (v/v)				Standard		
549	0.2% 1,2 Diethylamine in Methanol (v/v)		Standard		Standard		
806	0.2% 1,2 Diethylamine in Water (v/v)				Standard		
461	0.05% Formic Acid in Acetonitrile (v/v)		Standard	Standard			
LC875	0.05% Formic Acid in 95% Acetonitrile / 5% Water (v/v)	Request ^					
463	0.05% Formic Acid in Water (v/v)		Standard	Standard			
LC463	0.05% Formic Acid in Water (v/v)	Request ^					
441	0.1% Formic Acid in Acetonitrile (v/v)	Request	Standard	Standard	Request		Standard
LC441	0.1% Formic Acid in Acetonitrile (v/v)	Standard ^	Request				
809	0.5% Formic Acid in Acetonitrile (v/v)		Request				
497	0.1% Formic Acid in 98% Acetonitrile / 2% Water (v/v)				Request		
LC599	0.1% Formic Acid in 95% Acetonitrile / 5% Water (v/v)	Standard ^	Request				
571	0.1% Formic Acid in 90% Acetonitrile / 10% Water (v/v)		Request	Request			
LC571	0.1% Formic Acid in 90% Acetonitrile / 10% Water (v/v)	Standard ^	Request				
2006	0.1% Formic Acid in 45% Acetonitrile / 55% Water (v/v)		Request				
445	0.1% Formic Acid in Methanol (v/v)		Request	Request			
LC445	0.1% Formic Acid in Methanol (v/v)	Request ^					
452	0.1% Formic Acid in Water (v/v)	Request	Standard	Standard	Request	Request	Standard
LC452	0.1% Formic Acid in Water (v/v)	Standard ^	Standard				
583	0.1% Formic Acid in 95% Water / 5% Acetonitrile (v/v)			Request	Request		
LC583	0.1% Formic Acid in 95% Water / 5% Acetonitrile (v/v)	Standard ^	Standard				
LC598	0.1% Formic Acid in 90% Water / 10% Acetonitrile (v/v)	Standard ^	Request				
444	0.1% Formic Acid in 80% Water / 20% Acetonitrile (v/v)		Request		Request		Request
496	1% Formic Acid in Acetonitrile (v/v)		Request				
577	1% Formic Acid in 49.5% Acetonitrile / 49.5% Water (v/v)		Request				
417	1% Formic Acid in Water (v/v)			Request			
838	2% Formic Acid in 49% Methanol / 49% Water (v/v)						
550	0.2% Isopropylamine in Methanol (v/v)			Request			
2058	0.03M Phosphoric Acid in 60% Water / 40% THF (v/v)		Request				
882	0.05% Phosphoric Acid in 60% Water / 40% Acetonitrile (v/v)						Request
870	0.05% Phosphoric Acid in 65% Water / 35% Acetonitrile (v/v)		Request	Request			Request

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		2.5L	4L	20L NP	20L NS	56L	200L
873	0.1% Phosphoric Acid in Acetonitrile (v/v)		Request				
865	0.1% Phosphoric Acid in Water (v/v)		Request				
794	0.2% Phosphoric Acid in 55% Acetonitrile / 45% Water (v/v)		Request				
565	1% Phosphoric Acid in 80% Acetonitrile / 20% Water (v/v)		Request				
564	1% Phosphoric Acid in 62% Acetonitrile / 38% Water (v/v)		Request				
LC820	0.025% Trifluoroacetic Acid (TFA) in Water in (v/v)	Request ^					
486	0.05% TFA in Water (v/v)		Standard	Standard	Request		
842	0.03% TFA in 72% Water / 18% Acetonitrile / 10% Methanol (v/v)		Request				
LC821	0.025% TFA in Acetonitrile (v/v)	Request ^					
575	0.035% TFA in Acetonitrile (v/v)		Request		Standard		
423	0.05% TFA in Acetonitrile (v/v)		Standard	Standard	Request		
573	0.08% TFA in Acetonitrile (v/v)		Request				
493	0.09% TFA in Acetonitrile (v/v)		Request				
407	0.1% TFA in Acetonitrile (v/v)	Request	Standard	Standard	Request	Request	Request
LC407	0.1% TFA in Acetonitrile (v/v)	Standard ^					
587	0.09% TFA in 80% Acetonitrile / 20% Water (v/v)		Request				
478	0.1% TFA in 98% Acetonitrile / 2% Water (v/v)	Request	Standard				
883	0.1% TFA in 52% Acetonitrile / 48% Water (v/v)		Request				
586	0.1% TFA in 60% Acetonitrile / 40% Water (v/v)		Request				
812	0.1% TFA in 50% Acetonitrile / 50% Isopropyl Alcohol (v/v)	Standard					
465	0.1% TFA in Methanol (v/v)		Standard	Standard	Request		
484	0.1% TFA in 95% Methanol / 5% Water (v/v)		Request	Request			
437	0.1% TFA in 90% Methanol / 10% Water (v/v)		Request	Request			
485	0.1% TFA in Water (v/v)	Request	Standard	Standard	Request	Request	Request
LC485	0.1% TFA in Water (v/v)	Standard ^					
479	0.1% TFA in 98% Water / 2% Acetonitrile (v/v)	Request	Standard				
442	0.1% TFA in 90% Water / 10% Methanol (v/v)		Request	Request			
438	1% TFA in Acetonitrile (v/v)		Request				

Packaging Notes:

NP: NowPak; 20L lined bag inside HDPE overpack; contract required
NS: NowSteel; 20L lined bag inside stainless steel overpack; contract required

56L, 200L: Stainless Steel Pressure Dispense System (SSPDS)
Note: ^ 2.5L bottle has GL45 finish

Product Notes:

- 1) Extended initial lead times and / or minimum order quantities may apply.
- 2) Please consult with your Honeywell Burdick & Jackson Area Manager to order 'Request' formulations.
- 3) LC prefix indicates LC/MS specification solvent blend
- 4) Blends containing alcohols and acids may form esters. For example, in blends containing Formic acid and Methanol, acid concentration will decrease as Methyl Formate is generated.

Updated May 2011

Honeywell LabReady® Solvent Blends

Multi-Component Solvent Blends

Honeywell

Burdick & Jackson®

Family	Description	Packaging Options					
		2.5L	4L	20L NP	20L NS	56L	200L
487	90% Acetone / 10% Water (v/v)			Request			
861	65% Acetone / 35% Water (v/v)		Request				
476	50% Acetone / 50% DCM amylene preserved (v/v)						Request
402	50% Acetone / 50% DCM cyclohexene preserved (v/v)		Request				
853	50% Acetone / 50% Hexane (v/v)		Request				
884	50% Acetone / 50% NMP (v/v)		Request				
440	97% Acetonitrile / 3% n-Propyl Alcohol (v/v)			Request			
887	95% Acetonitrile / 5% Methanol (v/v)		Request				
403	95% Acetonitrile / 5% Water (v/v)		Request	Request			
LC403	95% Acetonitrile / 5% Water (v/v)	Request ^					
409	90% Acetonitrile / 10% Water (v/v)		Standard	Request			
405	86% Acetonitrile / 14% Water (v/v)			Request			Request
547	85% Acetonitrile / 15% Isopropyl Alcohol (v/v)		Request	Request			
494	80% Acetonitrile / 20% Methanol (v/v)		Request				
460	80% Acetonitrile / 20% Water (v/v)		Request	Request			
800	75% Acetonitrile / 25% Water (v/v)		Standard				
468	70% Acetonitrile / 30% Water (v/v)	Request ^	Request	Request			
489	67% Acetonitrile / 33% Water (v/v)		Request				Request
456	65% Acetonitrile / 35% Methanol (v/v)		Request				Request
581	65% Acetonitrile / 35% Water (v/v)		Request				
871	62% Acetonitrile / 38% Water (v/v)		Request				
455	60% Acetonitrile / 40% Methanol (v/v)				Request		
2013	60% Acetonitrile / 40% Water (v/v)		Request				
2010	58% Acetonitrile / 42% Water (v/v)						Standard
854	55% Acetonitrile / 45% Water (v/v)		Request				
425	52% Acetonitrile / 48% Water (v/v)		Request	Request			Request
896	50% Acetonitrile / 50% n-Propyl Alcohol (v/v)		Standard				
2014	50% Acetonitrile / 50% Isopropyl Alcohol (v/v)		Request				
551	50% Acetonitrile / 50% Methanol (v/v)		Request	Request			Request
435	50% Acetonitrile / 50% Water (v/v)		Standard	Standard			Request
457	50% Acetonitrile / 50% Water (w/w)		Request				
888	40% Acetonitrile / 60% Water (v/v)		Request				
LC825	40% Acetonitrile / 40% Isopropyl Alcohol / 20% Acetone (v/v)	Request ^	Standard				
597	60% n-Butyl Acetate / 40% Methanol Blend (v/v)			Request			Request
828	95% DCM / 5% Methanol (v/v)		Request				
492	90% DCM / 10% Methanol (v/v)		Standard		Request		
559	80% DCM / 20% Ethyl Acetate (v/v)		Request				
795	80% DCM / 20% Ethyl Ether (v/v)		Request				
588	80% DCM / 20% Methanol (v/v)		Request				
811	90% DMSO / 10% Water (v/v)			Standard			
2002	68% Ethanol / 13% Hexane / 9.5% Acetone / 9.5% Toluene (v/v)		Request				
555	70% Ethyl Acetate / 30% Hexane (v/v)		Request	Request			
556	50% Ethyl Acetate / 50% Hexane (v/v)		Request	Request			
2049	50% Ethyl Acetate / 50% Cyclohexane (v/v)		Request				
894	99.1% Hexane / 0.9% 2-Propanol (v/v)		Request				
834	99% Hexane (>95%) / 1% Isopropyl Alcohol (v/v)		Request				
449	97% Hexane / 3% Ethyl Acetate (v/v)			Request			
877	92% Hexane (>95%) / 8% Isopropyl Alcohol (v/v)		Request				
845	90% Hexane (>95%) / 10% Dichloromethane (v/v)		Request				
434	80% Hexane / 20% Acetone (v/v)						Request
2011	80% Hexane / 20% Ethyl Acetate (v/v)				Request	Request	Request
557	70% Hexane / 30% Ethyl Acetate (v/v)		Request	Request			
840	75% Isopropyl Alcohol / 25% Water (v/v)		Request				

Family	Description	Packaging Options					
		2.5L	4L	20L NP	20L NS	56L	200L
420	70% Isopropyl Alcohol / 30% Water (v/v)		Standard	Standard			
552	50% Isopropyl Alcohol / 50% Heptane (v/v)		Request				
482	95% Methanol / 5% Water (v/v)		Request	Request			Request
897	90% Methanol / 10% Sulfuric Acid (v/v)		Request				
447	90% Methanol / 10% Water (v/v)		Request		Request		
448	85% Methanol / 15% Hexane (v/v)			Request			
892	85% Methanol / 15% Water (v/v)		Request				
833	80% Methanol / 20% Water (v/v)			Request			
826	71% Methanol / 24% Water / 5% THF (v/v)		Request				
428	70% Methanol / 30% Water (v/v)		Request				Request
835	70% Methanol / 30% Isopropyl Alcohol (v/v)					Request	
864	67% Methanol / 33% Water (v/v)			Request			Request
450	65% Methanol / 35% Reagent Alcohol (v/v)			Request			
427	65% Methanol / 35% Water (v/v)			Request			
802	60% Methanol / 40% Water (w/w)		Request				Request
837	60% Methanol / 40% Water (v/v)		Standard				
801	55% Methanol / 45% Water (v/v)		Request				
416	50% Methanol / 50% Reagent Alcohol (v/v)			Request			
400	50% Methanol / 50% Water (v/v)		Standard	Standard			Request
866	60% Reagent Ethanol / 40% Methanol (v/v)				Request	Request	
429	97% Water / 3% n-Propyl Alcohol (v/v)			Request			
808	95% Water / 5% Acetonitrile (v/v)		Request	Request			
483	95% Water / 5% Methanol (v/v)		Request				
469	90% Water / 10% Acetonitrile (v/v)	Request ^	Request	Request			
453	90% Water / 10% Methanol (v/v)		Request	Request			
824	80% Water / 20% Acetonitrile (v/v)		Standard				
490	78% Water / 22% Methanol (v/v)		Request				Request
803	75% Water / 25% Acetonitrile (v/v)		Request				
847	71.1% Water / 28.9% Methanol (v/v)		Request				
844	70% Methanol / 30% n-Butyl Alcohol (v/v)				Request	Request	
2008	70% Water / 30% Acetonitrile (v/v)		Standard				
570	60% Water / 40% n-Propyl Alcohol (w/w)		Standard				
842	72% Water / 18% Acetonitrile / 10% Methanol (v/v)		Request				
436	55% Water / 35% Acetonitrile / 10% Methanol (v/v)			Request			
848	55% Water / 45% Methanol (v/v)		Request				
885	55.6% Water/ 22.2%/ Methanol / 22.2% Acetonitrile (v/v)		Request				
703	50% Water / 50% Isopropol Alcohol (v/v)		Standard				
827	50% Water / 50% n-Propyl Alcohol (v/v)		Request				

Packaging Notes:

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