

Karl Fischer Standards

The Water Determination Test (Karl Fischer Method) is designed to determine water content in substances by volumetric or coulometric determinations. The standards are intended to standardize and control reagents, check the reliability of titrations and test instruments according to the requirements of ISO 9000, GMP, GLP and FDA guidelines.

Certificate of Analysis giving the actual water content.

DESCRIPTION	VALIDITY months	REF	VOLUME	UNIT
Karl Fischer coulometric Water Standard 0.01% - 10 ampoules x 4g (1 g contains 0.10 mg H ₂ O)	36	KF001PGME	4x10	g
Karl Fischer coulometric Water Standard 0.1% - 10 ampoules x 4g (1 g contains 1.0 mg H ₂ O)	36	KF01PGME	4x10	g
Karl Fischer coulometric Water Standard 1% - 10 ampoules x 4g (1 g contains 10 mg H ₂ O)	36	KF1PGME	4x10	ml
Karl Fischer volumetric Fixed Water Standard - Sodium Tartrate Dihydrate (contains 15.66 +/- 0.05% H ₂ O)	36	KFFSTD	100	g
Karl Fischer volumetric Fixed Water Standard - Tripotassium Citrate Monohydrate (contains 5.55 +/- 0.05% H ₂ O)	12	KFOPC	10	g
Karl Fischer volumetric Water Standard - 0.5% (1 ml methanol contains 5 mg H ₂ O)	12	KFV05STD	250	ml
Karl Fischer volumetric Water Standard - 1% (1 ml methanol contains 10 mg H ₂ O)	36	KFV1STD	500	ml

Reagents

DESCRIPTION	VALIDITY months	REF	VOLUME	UNIT
Biuret Reagent	12	Z30044227	100	ml
Coomassie Staining Solution	12	Z00454232	100	ml
Denigues' Reagent	18	Z00454235	100	ml
Digoxin Reagent	12	Z00454237	100	ml
Dragendorff's reagent (A+B)	6	Z00454233	100+100	ml
Fehling's Solution (A+B)	24	Z16061128	500+500	ml
Folin and Ciocalteu's phenol reagent	12	Z13794170	100	ml
Griess - Illosvay's Reagent	6	Z16071130	100	ml
Griess-Romijn's nitric acid reagent	12	Z00454238	30	ml
Griess-Romijn's nitrous acid reagent	12	Z00454239	100	ml
Mayer's Reagent	12	Z30044230	100	ml
Molybdovanadic reagent	12	Z30044231	100	ml
Nessler's Reagent A	12	Z16081131	500	ml
Nessler's Reagent B	12	Z16081131	500	ml
Schiff's fuchsin-sulfite reagent	12	Z30044229	100	ml
Schiff's reagent	12	Z30044228	100	ml
Schweitzer's Reagent	12	Z00454236	100	ml
Valser's Reagent	6	Z00454234	100	ml

