

**Table 15**

**Analytically Validated Chemical Assay or Purity Test  
for Herbal Materials in KP**



## Analytically validated chemical assay or purity test for herbal materials in KP

Herbal materials	Target compound	Purpose	Method	Accuracy/Trueness	Precision	Specificity	Detection/Quantitation limit	Linearity	Range	Comment
Bezoar Bovis	Combined bilirubin (Total bilirubin-free bilirubin)	chemical assay (component determination)	HPLC	<input type="radio"/>	repeatability/reproducibility/intermediated precision	<input type="radio"/>	0.3-2.5 µg/ml (range) 0.03 µg/ml (detection limit)	<input type="radio"/>	<input type="radio"/>	KP7
Angelicae gigantis Radix	decurcin/decurcinol angelate	chemical assay (component determination)	HPLC	<input type="radio"/>	repeatability/reproducibility/intermediated precision	<input type="radio"/>	2.0-7.0 µg/ml (range)	<input type="radio"/>	<input type="radio"/>	KP7
Puerariae Radix	puerarin	chemical assay (component determination)	HPLC	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	not needed	<input type="radio"/>	<input type="radio"/>	KP7
Persicae Semen	amigdaline	chemical assay (component determination)	HPLC	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	not needed	<input type="radio"/>	<input type="radio"/>	KP7
Moutan Cortex Radicis	paeonol	chemical assay (component determination)	HPLC	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	not needed	<input type="radio"/>	<input type="radio"/>	KP7
Corni Fructus	loganin	chemical assay (component determination)	HPLC	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	not needed	<input type="radio"/>	<input type="radio"/>	KP7
Bupleuri Radix	saikosaponin a	chemical assay (component determination)	HPLC	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	not needed	<input type="radio"/>	<input type="radio"/>	KP7
Aurantii Nobilis Pericarpium	hesperidin	chemical assay (component determination)	HPLC	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	not needed	<input type="radio"/>	<input type="radio"/>	KP7
Scutellariae Radix	baicalin	chemical assay (component determination)	HPLC	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	not needed	<input type="radio"/>	<input type="radio"/>	KP7
Rehmaniae Radix	5-hydroxymethyl 2-furaldehyde	chemical assay (component determination)	HPLC	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	not needed	<input type="radio"/>	<input type="radio"/>	KP7
Acanthopanacis Cortex	acanthoside D	chemical assay (component determination)	HPLC	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	not needed	<input type="radio"/>	<input type="radio"/>	KP7

