



Certificate Of Performance

Specimen Description: **Giardia lamblia Parasite Suspension (FP01)**

Date Prepared: 2013/7/18

Lot #: FP01-05-1

Expiration Date: 2015/07

Fecal suspension containing Giardia lamblia cysts fixed in formalin

Minimum of ten Giardia lamblia cysts per coverslip area/Positive reaction with antigen detection kits

Cysts are round to oval, typically measuring 11-14 um long and 7-10 um wide. Cysts contain four nuclei (which may not be obvious), axonemes, and median bodies. Cysts may appear to shrink from the cell wall.

Verified By: Carol J Stanoch

Title: Quality Control Technologist



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Specimen Description: **Cryptosporidium species Parasite Suspension (FP02)**

Date Prepared: 2013/5/20

Lot #: FP02-04-1

Expiration Date: 2015/05

Fecal suspension containing *Cryptosporidium* oocysts fixed in formalin

Minimum of 0-1 *Cryptosporidium* oocysts per oil field / Positive reaction with antigen detection kits

Oocysts are spherical, approximately 4-6 μm in diameter, containing four sporozoites. When stained with Modified Acid Fast stain, oocysts stain bright red against a blue-green background.

Verified By: Carol J Stanoch

Title: Quality Control Technologist



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Specimen Description: **Diphylobothrium latum Parasite Suspension (FP03)**

Date Prepared: 2013/6/17

Lot #: FP03-03-1

Expiration Date: 2015/06

Fecal suspension containing *Diphylobothrium latum* eggs fixed in formalin

Minimum of three *Diphylobothrium latum* eggs per coverslip area

Eggs oval measure 58-75 μm by 40-50 μm , usually has a small knob at the abopercular end, and are operculated lacking shoulders into which the operculum would fit distinguishing it from *Paragonimus*. The eggs are unembryonated when passed in the feces.

Verified By: Carol J Stanoch

Title: Quality Control Technologist