

CYANIDATION TESTSDate of test: Mar. 25 /87Sample: T.R.P. Feed Material : No. 43427 to 43431Sample Code#: TRP-2

Initial				Final
Size = <u>200 g</u>	Reagents	Prior to Roll	After <u>24 Hrs.</u>	After <u>33.5 Hrs.</u>
pH = <u>9.70</u>	NaCN = <u>0.15 g</u>	pH = <u>9.92</u>	pH = <u>11.75</u>	pH = <u>11.28</u>
%-200 = _____	CaO = _____ g	CN ⁻ = <u>1.5</u> #/t	CN ⁻ = <u>1.3</u> #/t	CN ⁻ = <u>0.73</u> #/t
H ₂ O = <u>400 ml</u>	Others = _____	Tit = <u>10</u> ml	Tit = <u>60</u> ml	Tit = _____ ml
Other = _____	5 mL CaO to pH 11.25	Other = _____ -add 10 mL CaO pH to 11.10	Other = _____ -add 0.2 mL NaCN	Other = _____

Sample Calculations

	Units	Assay	Distribution	Recovery
Feed				
Preg	<u>350 mL</u>	<u>0.349 mg/L</u>	<u>0.122 mg</u>	<u>30.42 %</u>
Wash	<u>360 mL</u>	<u>0.089 mg/L</u>	<u>0.032 mg</u>	<u>7.98 %</u>
Total	<u>710 mL</u>	<u>0.217 mg/L</u>	<u>0.154 mg</u>	<u>38.40 %</u>
Residue	<u>200 g</u>	<u>1.233 g/t</u>	<u>0.247 mg</u>	<u>61.60 %</u>
Calc Head	<u>200 g</u>	<u>2.00 g/t</u>	<u>0.401 mg</u>	<u>100.00 %</u>

Note: Preg(ml) = Preg + Tit.

Sample Test Outlines

CYANIDATION TESTSDate of test: Mar. 25, 1987Sample: T.R.P. Feed Material : No. 43427 to 43431Sample Code#: TRP- 2A

Initial				Final
Size = <u>200 g</u>	Reagents	Prior to Roll	After <u>24</u> Hrs.	After <u>33.5</u> Hrs.
pH = <u>9.70</u>	NaCN = <u>0.15</u> g	pH = <u>10.36</u>	pH = <u>11.1</u>	pH = <u>10.23</u>
%-200 = _____	CaO = _____ g	CN ⁻ = <u>1.0</u> #/T	CN ⁻ = <u>1.4</u> #/t	CN ⁻ = <u>0.87</u> #/t
H ₂ O = <u>400</u> ml	Others =	Tit = <u>10</u> ml	Tit = <u>60</u> ml	Tit = _____ ml
Other =	5 mL CaO to pH 11.30	Other = -add 0.5 mL NaCN -add 2.0 mL CaO pH 10.9	Other = -add 0.1 mL NaCN	Other =

Sample Calculations

	Units	Assay	Distribution	Recovery
Feed				
Preg	<u>345</u> mL	<u>0.329</u> mg/L	<u>0.114</u> mg	<u>29.30</u> %
Wash	<u>488</u> mL	<u>0.058</u> mg/L	<u>0.028</u> mg	<u>7.20</u> %
Total	<u>833</u> mL	<u>0.170</u> mg/L	<u>0.142</u> mg	<u>36.50</u> %
Residue	<u>200 g</u>	<u>1.233</u> g/t	<u>0.247</u> mg	<u>63.50</u> %
Calc Head	<u>200 g</u>	<u>1.95</u> g/t	<u>0.389</u> mg	<u>100.00</u> %

Note: $P_{reg}(ml) = Preg + Tit.$ Sample Test Outlines