

**Provision of Data Regarding Existing Facilities/Laboratory Test Available at PCSIR
Laboratories Skardu**

Analytical Food Laboratory

S. No	Description of Service	Test Method
1	<p>Proximate Chemical Analysis of (Cereals, Flour/ Snacks/Pops/Biscuits etc.)</p> <ul style="list-style-type: none"> • Crude Protein (%) • Crude Fiber (%) • Crude Fat (%) • Total Ash (%) • Moisture (%) • Carbohydrates (%) • Total Titratable Acidity (%) • PH • Acid Value of Extracted Fat • Calories per 100g 	AOAC Official Method of Analysis 2012
2	<p>Chemical Analysis of Oil and Ghee</p> <ul style="list-style-type: none"> • Moisture (% by weight) • Free Fatty Acids Value % (as oleic acid) • Specific Gravity/ Relative Density • Rancidity • Sponification Value • Soap Content • Melting point 	<p>Sampling Plan / Procedure used PS-221-2010</p> <p align="center"><u>Method Used</u> <u>P.S 221-2003 (R)</u></p>
3	<p>Protein determination in Trout Fish Feed</p> <ul style="list-style-type: none"> • Crude Protein (%) 	AOAC Official Method of Analysis 2012
4	<p>Physico Chemical Analysis of Chicken Eggs</p> <ul style="list-style-type: none"> • Total Soluble Solids (TSS) • Moisture • Crude Protein • Total Ash • Crude Fiber • Crude Fat • Candling test • Shell • Color • Smell • Taste (Boiled) • Total Energy K/cal 	AOAC Official Method of Analysis 2012

5	<p>Chemical and Microbiological Analysis of Drinking Water</p> <ul style="list-style-type: none"> • Total Plate Count • Coliform bacteria • pH • Total solids (TS) • Total Dissolved Solids (TDS) • Total Suspended Solids (TSS) • Total Hardness as CaCO₃ • Calcium as CaCO₃ • Magnesium as CaCO₃ • Total Alkalinity as CaCO₃ • Chloride as Cl⁻¹ • Nitrite as NO₂⁻ • Conductivity • Sodium as Na • Potassium as K 	<p>Standard Methods for the Examination of Water and Waste water 22nd Edition 2012</p>
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Dated 07-09-2020

Dr. Aneela Fatima,
Senior Scientific Officer,
PCSIR Head Office,
1-Constitution Avenue, G-5/2,
Islamabad.

Subject- Provision of Data Regarding Existing Facilities/Laboratory Test Available at PCSIR Laboratories Skardu

Dear Madam,

The requisite information “**Provision of Data Regarding Existing Facilities/Laboratory Test Available**” of PCSIR Laboratories Skardu is submitted for further necessary action please.

Best Regards.

Yours Truly,

(Faizullah Khan)
Scientific Officer
PCSIR Laboratories Skardu