**Industry Report Assessment**

**Assessment Introduction**

This assessment is a comprehensive industry report based on your visit to the InterGrain premises. It is a platform to apply your theoretical knowledge of food commodities to practical operations in grain breeding, milling and laboratory quality testing. The purpose of the report is to provide an in-depth understanding of the entire grain production process, the importance of each stage, and its impact on the final product quality.

**Industry Report Guidelines (% marks in brackets)**

1. **InterGrain overview (10%):** Briefly describe the role and significance of InterGrain in the grain industry. In a paragraph or two, reflect upon your overall experience of the visit and any key insights you have gained.
2. **Grain breeding processes and field operation activities (20%):** Discuss the main objectives of wheat breeding and the key stages involved. Evaluate how field operation activities contribute to the wheat breeding process. Include any practical examples or interactions from the visit.
3. **Milling operations (20%):** Discuss the different stages involved in milling operations and analyse how these stages contribute to the quality of the end-product. Supplement this with relevant industry practices and scientific research.
4. **Laboratory Quality tests (30%):** Outline the parameters assessed during wheat quality testing and the specific laboratory tests used. Discuss in detail the importance of one specific quality test and its role in end product quality.
5. **References (10%):** Ensure to include in-text citations and a reference list adhering to APA 7th edition format. Your references should be from credible sources like peer-reviewed scientific articles and industry reports.
6. **English Writing competency (10%):** Your report should be grammatically correct and free from spelling errors. Display a clear structure and flow of ideas.

**Report Formatting:**

Please note that your report should not exceed **six** (6) pages, excluding references and images. Any content produced after the sixth page will not be marked. Include an assignment cover page and student declaration. The format should use Times New Roman, 11–12-point font and single line spacing.