



CHO THAI PU KAO HIGHLAND AGRICULTURAL PROJECT
 66 CHANGPHUEAK ROAD , SRIPHUM , MUANG , CHIANGMAI 50200 , THAILAND
 TELL : 053-213078 TELEFAX : 053-412213



Certificate of Analysis

Number : 210459-01

| Origin | Description |
|----------------------|--------------------------------------|
| Product Name | Arabica Green Bean |
| Origin | Doi Chang |
| Region | Northern Thailand |
| Altitude | 1500 |
| Name of Farm | Chao Thai Pu Kao |
| Crop Year | 2015 / 2016 |
| Screen size | 5.5 mm |
| Grade | A |
| Method of Processing | Wet Process |
| Sorting Method | Gravity / Pre Cleaner / Color Sorter |
| Packaging | Jute Bags 60 kg. |
| Production | December-February |

| Green Coffee Bean Defect | | | | | |
|--------------------------------------|--------------------|------------|--------------------------------------|-------------|---|
| Green Grade Protocols | SCAA | | | | |
| Green Grade Color | Green | | | | |
| ColorFlex 1* a* b* | 43.22, 1.55, 15.46 | | | | |
| Green Grade Odour | None | | | | |
| Green Grade Moisture Content | 11.20% | | | | |
| Category 1 | Equivalents | % | Category 2 | Equivalents | % |
| Count Full Black | 0 | | Count Partial Black | 0 | |
| Count Full Sour | 0 | | Count Partial Sour | 0 | |
| Count Dried Cherry/Pod | 0 | | Count Parchment | 0 | |
| Count Fungus Damaged | 0 | | Count Floater | 0 | |
| Count Foreign Matter | 0 | | Count Immature /Unripe | 0 | |
| Count Severe Insect Damage | 0 | | Count Withered | 0 | |
| | | | Count Shell | 1 | |
| | | | Count Broken/Chipped/Cut | 2 | |
| | | | Count Hull/Husk | 0 | |
| | | | Count Slight Insect Damage | 2 | |
| Total Category 1 Full Defects | 0 | | Total Category 2 Full Defects | 5 | |
| Point 0-5 | ✓ | | Specialty Grade Green Coffee | | |
| Point 6-8 | | | Premium Coffee Grade | | |
| Point 9-23 | | | Exchange Coffee Grade | | |
| Point 24-80 | | | Below Coffee Grade | | |
| Cup Quality | | | | | |
| Roast ID Whole Beans | PASS | | Fragrance/Aroma | 6 | |
| Roast ID Grounds | PASS | | Acidity | 5 | |
| Cupping Protocols | Thai Protocol | | Flavor | 6 | |
| | | | Body | 5 | |
| | | | Aftertaste | 6 | |
| | | | Cupper point | 6 | |
| Total Score | | | | 84 | |
| Report Date : 21.04.2016 | | QA : | Miss Thanita Chailangka | | |
| | | Approved : | Miss Nachasilp Charoenkull | | |