

Name of Laboratory : Laboratory of BETTER PHARMA COMPANY LIMITED  
Address : 216 Moo 1, Saraburi-Lomsuk Road, Tambon Chongsarika,  
Amphoe Pattana Nikhom, Changwat Lop Buri 15220  
Accreditation Number : Testing - 0084  
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Initial Issue Date : 20<sup>th</sup> July 2012  
Issue Date : 7<sup>th</sup> November 2023  
Expired date : 10<sup>th</sup> April 2026  
Standard : ISO/IEC 17025:2017  
Reference No. : 0303/18182

### Scope of Laboratory Accreditation

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 Laboratory Status :  Permanent  Site  Temporary  Mobile

Item Number	Test Material / Product	Test Item / Range of Testing	Test Method / Technique Used
1	Feed : Premix - Minerals	- Manganese 4.00 g/kg to 150.00 g/kg  - Cadmium 0.20 mg/kg to 10.00 mg/kg  - Lead 0.60 mg/kg to 100.00 mg/kg  - <i>Salmonella</i> spp. Detected or not detected/25 g  - <i>Escherichia coli</i> CFU/g	In – house method : BP-SOP-CHEM-21-031 based on AOAC Official Methods of Analysis, 22 <sup>nd</sup> ed., 2023, method 984.27  In – house method : BP-SOP-CHEM-21-018 based on AOAC Official Methods of Analysis, 22 <sup>nd</sup> ed., 2023, method 2013.06  ISO 6579-1 : 2017 / Amd.1 : 2020  AOAC Official Methods of Analysis, 22 <sup>nd</sup> ed., 2023, method 991.14

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Item Number	Test Material / Product	Test Item / Range of Testing	Test Method / Technique Used
1 (cont.)	Feed : Premix - Minerals and Vitamins	- Manganese 0.68 g/kg to 135.00 g/kg  - Cadmium 0.20 mg/kg to 10.00 mg/kg  - Lead 0.60 mg/kg to 100.00 mg/kg  - <i>Salmonella</i> spp. Detected or not detected/25 g  - <i>Escherichia coli</i> CFU/g	In – house method : BP-SOP-CHEM-21-031 based on AOAC Official Methods of Analysis, 22 <sup>nd</sup> ed., 2023, method 984.27  In – house method : BP-SOP-CHEM-21-018 based on AOAC Official Methods of Analysis, 22 <sup>nd</sup> ed., 2023, method 2013.06  ISO 6579-1 : 2017 / Amd.1 : 2020  AOAC Official Methods of Analysis, 22 <sup>nd</sup> ed., 2023, method 991.14

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Item Number	Test Material / Product	Test Item / Range of Testing	Test Method / Technique Used
1 (cont.)	Feed : Premix - Vitamins	- Cadmium 0.20 mg/kg to 10.00 mg/kg - Lead 0.60 mg/kg to 100.00 mg/kg  - <i>Salmonella</i> spp. Detected or not detected/25 g  - <i>Escherichia coli</i> CFU/g	In – house method : BP-SOP-CHEM-21-018 based on AOAC Official Methods of Analysis, 22 <sup>nd</sup> ed., 2023, method 2013.06  ISO 6579-1 : 2017 / Amd.1 : 2020  AOAC Official Methods of Analysis, 22 <sup>nd</sup> ed., 2023, method 991.14
	- Acidifier	- <i>Escherichia coli</i> CFU/g	AOAC Official Methods of Analysis, 22 <sup>nd</sup> ed., 2023, method 991.14

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2	Feed material - Rice hull	- <i>Salmonella</i> spp. Detected or not detected/25 g	ISO 6579-1 : 2017 / Amd.1 : 2020
3	Disinfectant product	- Cationic surfactant (Calculated as alkyl benzyl dimethyl ammonium chloride, MW = 354) 5 % w/w to 15 % w/w  - Cationic surfactant (Calculated as quaternary ammonium compound, MW = 335.5) 5 % w/w to 15 % w/w	In – house method : BP-SOP-CHEM-21-026 based on ASTM D5806-95 (R2017)

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Item Number	Test Material / Product	Test Item / Range of Testing	Test Method / Technique Used
3 (cont.)	Disinfectant product	- Cationic surfactant (Calculated as quaternary ammonium compound, MW = 342.9) 5 % w/w to 15 % w/w	In – house method : BP-SOP-CHEM-21-026 based on ASTM D5806-95 (R2017)

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