

Laboratory **Chemical Laboratory, Projects & Development India Limited, PDIL Bhawan, A-14, Sector-1, Noida, Uttar Pradesh**

Accreditation Standard **ISO/IEC 17025: 2005**

Certificate Number **TC-6938 (in lieu of T-2848)**

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Validity **24.02.2018 to 23.02.2020**

Last Amended on --

Sl.	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing / Limits of Detection
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**CHEMICAL TESTING**

<b>I.</b>	<b>FERTILIZERS</b>			
<b>A.</b>	<b>Phosphatic Fertilizers</b>			
<b>1.</b>	<b>Single Super Phosphate (Powdered)</b>	Moisture % by weight. Oven Dry method	FCO 1985, Schedule II Part B-2 (i), Pg-64 (Amended 2010)	1.0% to 15%
		Free Phosphoric acid% by weight	FCO 1985, Schedule II Part B-4 (vii), Pg-92 (Amended 2010)	1.0% to 8%
		Water Soluble phosphate (as P <sub>2</sub> O <sub>5</sub> ) % by weight	FCO 1985, Schedule II Part B-4 (iii), Pg-87 (Amended 2010)	1.0% to 17%
		Neutral Ammonium Citrate Soluble Phosphate(as P <sub>2</sub> O <sub>5</sub> ) % by weight	FCO 1985, Schedule II Part B-4 (v), Pg-89 (Amended 2010)	1.0% to 20%
		Sulphur (as S) % by weight	FCO 1985, Schedule II Part B-24 (b), Pg-165 (Amended 2010)	1.0% to 15 %
<b>2.</b>	<b>Single Super Phosphate (Granulated)</b>	Moisture % by weight. Oven Dry method	FCO 1985, Schedule II Part B-2 (i), Pg-64 (Amended 2010)	1.0% to 15%
		Free Phosphoric acid% by weight	FCO 1985, Schedule II Part B-4 (vii), Pg-92 (Amended 2010)	1.0% to 8%
		Water Soluble phosphate (as P <sub>2</sub> O <sub>5</sub> ) % by weight	FCO 1985, Schedule II Part B-4 (iii),Pg-87 (Amended 2010)	1.0% to 17%
		Neutral Ammonium Citrate Soluble Phosphate(as P <sub>2</sub> O <sub>5</sub> ) % by weight	FCO 1985, Schedule II Part B-4 (v), Pg-89 (Amended 2010)	1.0% to 20%

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		Sulphur (as S) % by weight	FCO 1985, Schedule II Part B-24 (b), Pg-165 (Amended 2010)	1.0% to 15 %
		Particle Size through 4 mm & 1 mm IS sieve	FCO: 1985 Sch. II-B 20, Pg-155 (Amended 2010)	0 to 100% retained on each sieve
<b>B.</b>	<b>Phosphatic Fertiliser Raw Material</b>			
<b>1.</b>	<b>Rock Phosphate</b>	Moisture by weight Oven Dry method%	Appendix A-3 of IS 11224:1985 (RA 2010)	0.1% to 5.0%
		Total phosphates (as P <sub>2</sub> O <sub>5</sub> ) % by weight	Appendix A-8 of IS 11224:1985 (RA 2010)	2.0% to 35.0%
		Total phosphates (as P <sub>2</sub> O <sub>5</sub> ) % by weight on Dry Basis	PDIL/QSP/5.4/01 Issue No. 01, Date 15.12.2012	Qualitative

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