

Laboratory **Upadhrish Reserchem LLP (Commercial Test House), Plot No.-7, Sector-5, I.I.E., SIDCUL, Ranipur, Haridwar, Uttarakhand**

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

Certificate Number **TC-7011**

Page 1 of 11

Validity **12.03.2018 to 11.03.2020**

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
-----	----------------------------	-------------------------	---	--

**BIOLOGICAL TESTING**

<b>I. DRUGS AND PHARMACEUTICALS</b>				
<b>1.</b>	<b>Filterable solution and soluble preparations</b>			
<b>a.</b>	<b>Purified water</b>	Total Aerobic Viable Count	IP 2014, Volume - I, Appendix 2.2.9, Page No. 45	10 <sup>1</sup> cfu/ ml to 10 <sup>3</sup> cfu/ ml
		Escherichia coli	IP 2014, Volume - I, Appendix 2.2.9, Page No. 45	Qualitative Present/Absent per ml
		Staphylococcus aureus	IP 2014, Volume - I, Appendix 2.2.9, Page No. 45	Qualitative Present/Absent per ml
		Salmonella	IP 2014, Volume - I, Appendix 2.2.9, Page No. 45	Qualitative Present/Absent per ml
		Pseudomonas aeruginosa	IP 2014, Volume - I, Appendix 2.2.9, Page No. 45	Qualitative Present/Absent per ml
<b>b.</b>	<b>Sterile water for Injection</b>	Bacterial Endotoxin (Method A- Gel Clot Limit Test Method)	IP 2014, Volume-I, Appendix 2.2.3, Page - 28	Qualitative Complies/Doesn't comply
		Sterility	IP 2014, Volume-I, Appendix 2.2.11, Page - 59	Qualitative Complies/Doesn't comply
<b>c.</b>	<b>Dexamethasone injection</b>	Bacterial Endotoxin (Method A- Gel Clot Limit Test Method)	IP 2014, Volume-I, Appendix 2.2.3, Page - 28	Qualitative Complies/Doesn't comply
		Sterility	IP 2014, Volume-I, Appendix 2.2.11, Page - 59	Qualitative Complies/Doesn't comply

**Vinay Kumar Tyagi**  
Convenor

**N. Venkateswaran**  
Program Director

Laboratory **Upadhrish Reserchem LLP (Commercial Test House), Plot No.-7, Sector-5, I.I.E., SIDCUL, Ranipur, Haridwar, Uttarakhand**

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

Certificate Number **TC-7011**

Page 2 of 11

Validity **12.03.2018 to 11.03.2020**

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
d.	<b>Ranitidine Injection</b>	Bacterial Endotoxin (Method A- Gel Clot Limit Test Method)	IP 2014, Volume-I, Appendix 2.2.3, Page - 28	Qualitative Complies/Doesn't comply
		Sterility	IP 2014, Volume-I, Appendix 2.2.11, Page - 59	Qualitative Complies/Doesn't comply
e.	<b>Cyanocobalamin Injection</b>	Bacterial Endotoxin (Method A- Gel Clot Limit Test Method)	IP (2014), Volume - I, Appendix 2.2.3, Page - 28	Qualitative Complies/Doesn't comply
		Sterility	IP 2014, Volume-I, Appendix 2.2.11, Page - 59	Qualitative Complies/Doesn't comply
f.	<b>Amikacin Sulphate IP Injection</b>	Assay	IP 2014, Appendices 2.2.10	50% to 150% of Label claim
2.	<b>Aqueous Preparation</b>			
a.	<b>Paracetamol Oral suspension</b>	Total Aerobic Viable Count	IP (2014), Volume - I, Appendix 2.2.9, Page No. 38	10 <sup>1</sup> cfu/ ml to 10 <sup>9</sup> cfu/ ml
		Total Fungal Count	IP (2014), Volume - I, Appendix 2.2.9, Page No. 38	10 <sup>1</sup> cfu/ ml to 10 <sup>5</sup> cfu/ ml
		Escherichia coli	IP (2014), Volume - I, Appendix 2.2.9, Page No. 45	Present/Absent per ml
b.	<b>Amoxicillin Trihydrate IP Suspension</b>	Total Aerobic Viable Count	IP (2014), Volume - I, Appendix 2.2.9, Page No. 38	10 <sup>1</sup> cfu/ ml to 10 <sup>5</sup> cfu/ ml
		Total Fungal Count	IP (2014), Volume - I, Appendix 2.2.9, Page No. 38	10 <sup>1</sup> cfu/ ml to 10 <sup>5</sup> cfu/ ml
		Escherichia coli	IP (2014), Volume - I, Appendix 2.2.9, Page No. 45	Qualitative Present/Absent per ml
c.	<b>Cefpodoxime Proxetil IP Syrup</b>	Total Aerobic Viable Count	IP (2014), Volume - I, Appendix 2.2.9, Page No. 38	10 <sup>1</sup> cfu/ ml to 10 <sup>5</sup> cfu/ ml

**Vinay Kumar Tyagi**  
Convenor

**N. Venkateswaran**  
Program Director

Laboratory **Upadhrish Reserchem LLP (Commercial Test House), Plot No.-7, Sector-5, I.I.E., SIDCUL, Ranipur, Haridwar, Uttarakhand**

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

Certificate Number **TC-7011**

Page 3 of 11

Validity **12.03.2018 to 11.03.2020**

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
		Total Fungal Count	IP (2014), Volume - I, Appendix 2.2.9, Page No. 38	10 <sup>1</sup> cfu/ ml to 10 <sup>5</sup> cfu/ ml
		Escherichia coli	IP (2014), Volume - I, Appendix 2.2.9, Page No. 45	Qualitative Present/Absent per ml
<b>d.</b>	<b>Cetirizine hydrochloride Syrup</b>	Total Aerobic Viable Count	IP (2014), Volume - I, Appendix 2.2.9, Page No. 38	10 <sup>1</sup> cfu/ ml to 10 <sup>5</sup> cfu/ ml
		Total Fungal Count	IP (2014), Volume - I, Appendix 2.2.9, Page No. 38	10 <sup>1</sup> cfu/ ml to 10 <sup>5</sup> cfu/ ml
		Escherichia coli	IP (2014), Volume - I, Appendix 2.2.9, Page No. 45	Qualitative Present/Absent per ml
<b>3.</b>	<b>Non-aqueous preparation</b>			
<b>a.</b>	<b>Amoxicillin Trihydrate IP Capsules</b>	Total Aerobic Viable Count	IP (2014), Volume - I, Appendix 2.2.9, Page No. 38	10 <sup>1</sup> cfu/g to 10 <sup>5</sup> cfu/g
		Total Fungal Count	IP (2014), Volume - I, Appendix 2.2.9, Page No. 38	10 <sup>1</sup> cfu/g to 10 <sup>5</sup> cfu/g
		Escherichia coli	IP (2014), Volume - I, Appendix 2.2.9, Page No. 45	Qualitative Present/ Absent per g
<b>b.</b>	<b>Atorvastatin calcium IP Tablet</b>	Total Aerobic Viable Count	IP (2014), Volume - I, Appendix 2.2.9, Page No. 38	10 <sup>1</sup> cfu/g to 10 <sup>5</sup> cfu/g
		Total Fungal Count	IP (2014), Volume - I, Appendix 2.2.9, Page No. 38	10 <sup>1</sup> cfu/g to 10 <sup>5</sup> cfu/g

Laboratory **Upadhrish Reserchem LLP (Commercial Test House), Plot No.-7, Sector-5, I.I.E., SIDCUL, Ranipur, Haridwar, Uttarakhand**

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

Certificate Number **TC-7011**

Page 4 of 11

Validity **12.03.2018 to 11.03.2020**

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
		Escherichia coli	IP (2014), Volume - I, Appendix 2.2.9, Page No. 45	Qualitative Present/ Absent per g
<b>c.</b>	<b>Cefpodoxime Proxetil IP Tablets</b>	Total Aerobic Viable Count	IP (2014), Volume - I, Appendix 2.2.9, Page No. 38	10 <sup>1</sup> cfu/g to 10 <sup>5</sup> cfu/g
		Total Fungal Count	IP (2014), Volume - I, Appendix 2.2.9, Page No. 38	10 <sup>1</sup> cfu/g to 10 <sup>5</sup> cfu/g
		Escherichia coli	IP (2014), Volume - I, Appendix 2.2.9, Page No. 45	Qualitative Present/ Absent per g
<b>d.</b>	<b>Cetirizine hydrochloride Tablet</b>	Total Aerobic Viable Count	IP (2014), Volume - I, Appendix 2.2.9, Page No. 38	10 <sup>1</sup> cfu/g to 10 <sup>5</sup> cfu/g
		Total Fungal Count	IP (2014), Volume - I, Appendix 2.2.9, Page No. 38	10 <sup>1</sup> cfu/g to 10 <sup>5</sup> cfu/g
		Escherichia coli	IP (2014), Volume - I, Appendix 2.2.9, Page No. 45	Qualitative Present/ Absent per g
<b>e.</b>	<b>Ofloxacin Tablet</b>	Total Aerobic Viable Count	IP (2014), Volume - I, Appendix 2.2.9, Page No. 38	10 <sup>1</sup> cfu/g to 10 <sup>5</sup> cfu/g
		Total Fungal Count	IP (2014), Volume - I, Appendix 2.2.9, Page No. 38	10 <sup>1</sup> cfu/g to 10 <sup>5</sup> cfu/g
		Escherichia coli	IP (2014), Volume - I, Appendix 2.2.9, Page No. 45	Qualitative Present/ Absent per g
<b>f.</b>	<b>Omeprazole IP Capsule</b>	Total Aerobic Viable Count	IP (2014), Volume - I, Appendix 2.2.9, Page No. 38	10 <sup>1</sup> cfu/g to 10 <sup>5</sup> cfu/g

Laboratory **Upadhrish Reserchem LLP (Commercial Test House), Plot No.-7, Sector-5, I.I.E., SIDCUL, Ranipur, Haridwar, Uttarakhand**

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

Certificate Number **TC-7011**

Page 5 of 11

Validity **12.03.2018 to 11.03.2020**

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
		Total Fungal Count	IP (2014), Volume - I, Appendix 2.2.9, Page No. 38	10 <sup>1</sup> cfu/g to 10 <sup>5</sup> cfu/g
		Escherichia coli	IP (2014), Volume - I, Appendix 2.2.9, Page No. 45	Qualitative Present/ Absent per g
<b>g.</b>	<b>Paracetamol IP Tablet</b>	Total Aerobic Viable Count	IP (2014), Volume - I, Appendix 2.2.9, Page No. 38	10 <sup>1</sup> cfu/g to 10 <sup>5</sup> cfu/g
		Total Fungal Count	IP (2014), Volume - I, Appendix 2.2.9, Page No. 38	10 <sup>1</sup> cfu/g to 10 <sup>5</sup> cfu/g
		Escherichia coli	IP (2014), Volume - I, Appendix 2.2.9, Page No. 45	Qualitative Present/ Absent per g
<b>h.</b>	<b>Ranitidine IP Tablet</b>	Total Aerobic Viable Count	IP (2014), Volume - I, Appendix 2.2.9, Page No. 38	10 <sup>1</sup> cfu/g to 10 <sup>5</sup> cfu/g
		Total Fungal Count	IP (2014), Volume - I, Appendix 2.2.9, Page No. 38	10 <sup>1</sup> cfu/g to 10 <sup>5</sup> cfu/g
		Escherichia coli	IP (2014), Volume - I, Appendix 2.2.9, Page No. 45	Qualitative Present/ Absent per g
<b>i.</b>	<b>Sildenafil citrate IP Tablet</b>	Total Aerobic Viable Count	IP (2014), Volume - I, Appendix 2.2.9, Page No. 38	10 <sup>1</sup> cfu/g to 10 <sup>5</sup> cfu/g
		Total Fungal Count	IP (2014), Volume - I, Appendix 2.2.9, Page No. 38	10 <sup>1</sup> cfu/g to 10 <sup>5</sup> cfu/g
		Escherichia coli	IP (2014), Volume - I, Appendix 2.2.9, Page No. 45	Qualitative Present/ Absent per g

Laboratory **Upadhrish Reserchem LLP (Commercial Test House), Plot No.-7, Sector-5, I.I.E., SIDCUL, Ranipur, Haridwar, Uttarakhand**

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

Certificate Number **TC-7011**

Page 6 of 11

Validity **12.03.2018 to 11.03.2020**

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
j.	<b>Alprazolam IP Tablet</b>	Total Aerobic Viable Count	IP (2014), Volume - I, Appendix 2.2.9, Page No. 38	10 <sup>1</sup> cfu/g to 10 <sup>5</sup> cfu/g
		Total Fungal Count	IP (2014), Volume - I, Appendix 2.2.9, Page No. 38	10 <sup>1</sup> cfu/g to 10 <sup>5</sup> cfu/g
		Escherichia coli	IP (2014), Volume - I, Appendix 2.2.9, Page No. 45	Qualitative Present/ Absent per g
k.	<b>Amlodipine besylate IP Tablet</b>	Total Aerobic Viable Count	IP (2014), Volume - I, Appendix 2.2.9, Page No. 38	10 <sup>1</sup> cfu/g to 10 <sup>5</sup> cfu/g
		Total Fungal Count	IP (2014), Volume - I, Appendix 2.2.9, Page No. 38	10 <sup>1</sup> cfu/ ml to 10 <sup>5</sup> cfu/ ml
		Escherichia coli	IP (2014), Volume - I, Appendix 2.2.9, Page No. 45	Qualitative Present/ Absent per g
<b>II.</b>	<b>COSMETICS &amp; ESSENTIAL OILS</b>			
1.	<b>Skin creams and Lotions</b>	Total Aerobic Viable Count	IS: 14648-2011	10 <sup>1</sup> cfu/g to 10 <sup>5</sup> cfu/ g
		Yeast and mould count	IS: 14648-2011	10 <sup>1</sup> cfu/g to 10 <sup>5</sup> cfu/ g
		Escherichia coli	IS: 14648-2011	Qualitative Present/Absent per g
		Pseudomonas aeruginosa	IS: 14648-2011	Qualitative Present/Absent per g
		Staphylococcus aureus	IS: 14648-2011	Qualitative Present/Absent per g
		Candida albicans	IS: 14648-2011	Qualitative Present/Absent per g

**Laboratory** Upadhrish Reserchem LLP (Commercial Test House), Plot No.-7,  
Sector-5, I.I.E., SIDCUL, Ranipur, Haridwar, Uttarakhand

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

**Certificate Number** TC-7011

**Page 7 of 11**

**Validity** 12.03.2018 to 11.03.2020

**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
2.	Shampoos	Total Microbial counts	IS: 14648-2011	10 <sup>1</sup> cfu/g to 10 <sup>5</sup> cfu/ g
		Yeast and mould count	IS: 14648-2011	10 <sup>1</sup> cfu/g to 10 <sup>5</sup> cfu/g
3.	Hair oil	Microbiological Examination Total Microbial counts	IS 7123: 1993, RA 2009	1 cfu/g to 10 <sup>5</sup> cfu/g

Laboratory **Upadhrish Reserchem LLP (Commercial Test House), Plot No.-7, Sector-5, I.I.E., SIDCUL, Ranipur, Haridwar, Uttarakhand**

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

Certificate Number **TC-7011**

Page 8 of 11

Validity **12.03.2018 to 11.03.2020**

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
-----	----------------------------	-------------------------	---	--

**CHEMICAL TESTING**

I.	<b>DRUGS AND PHARMACEUTICALS</b>			
1.	<b>Drug Products (Specific Tests)</b>			
1.	<b>Aceclofenac Tablets IP</b>	Identification Assay Dissolution	IP (2014) Volume II, Page No. 982	Qualitative 70 % to 120 % 50 % to 120 %
2.	<b>Atorvastatin Tablets IP</b>	Identification Assay Dissolution	IP (2014) Volume II, Page No. 1100	Qualitative 70 % to 120 % 50 % to 120%
3.	<b>Cetirizine Tablets IP</b>	Identification Assay Dissolution	IP (2014) Volume II, Page No. 1341	Qualitative 70 % to 120 % 50 % to 120%
4.	<b>Ofloxacin Tablet IP</b>	Identification Assay Dissolution	IP (2014) Volume III, Page No. 2369	Qualitative 70 % to 120 % 50 % to 120%
5.	<b>Paracetamol Tablet IP</b>	Identification Assay Dissolution	IP (2014) Volume III, Page No. 2434	Qualitative 70 % to 110 % 50 % to 110 %
6.	<b>Ranitidine Tablet IP</b>	Identification Assay	IP (2014) Volume III, Page No. 2646	Qualitative 70 % to 120%
7.	<b>Sildenafil Citrate Tablet IP</b>	Identification Assay Dissolution	IP (2014) Volume III, Page No. 2726	Qualitative 70 % to 120 % 50 % to 120 %
8.	<b>Haridra (Curcuma longa)</b>	Identification C  Total ash	IP2014, Volume-III, Page-3222  IP2014, Volume-I, Page No. 98, Appendics 2.3.19, Method A	Qualitative  0.1 % to 15 %

**Vinay Kumar Tyagi**  
Convenor

**N. Venkateswaran**  
Program Director



Laboratory **Upadhrish Reserchem LLP (Commercial Test House), Plot No.-7, Sector-5, I.I.E., SIDCUL, Ranipur, Haridwar, Uttarakhand**

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

Certificate Number **TC-7011**

Page 9 of 11

Validity **12.03.2018 to 11.03.2020**

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
		Acid Insoluble ash	IP2014, Volume-I, Page No. 98, Appendics 2.3.19, Method C	0.01 % to 5 %
		Ethanol soluble extractive	IP2014, Volume-I, Page No. 277, Appendics 2.3.19	1.0 % to 10 %
		Water soluble extractive	IP2014, Volume-I, Page No. 277, Appendics 2.3.19, Method I	2 % to 25 %
		Heavy metals	IP2014, Volume-I, Page No. 96, Appendics 2.3.13, Method B	Qualitative
<b>9.</b>	<b>Pippali small (Piper longum)</b>	Identification C	IP2014, Volume-III, Page-3255	Qualitative
		Total ash	IP2014, Volume-I, Page No. 98, Appendics 2.3.19, Method A	0.1 % to 15 %
		Acid Insoluble ash	IP2014, Volume-I, Page No. 98, Appendics 2.3.19, Method C	0.01 % to 5 %
		Ethanol soluble extractive	IP2014, Volume-I, Page No. 277, Appendics 2.3.19	1.0 % to 15 %
		Water soluble extractive	IP2014, Volume-I, Page No. 277, Appendics 2.3.19, Method I	2 % to 25 %
		Heavy metals	IP2014, Volume-I, Page No. 96, Appendics 2.3.13, Method B	Qualitative

**Vinay Kumar Tyagi**  
Convenor

**N. Venkateswaran**  
Program Director

Laboratory **Upadhrish Reserchem LLP (Commercial Test House), Plot No.-7, Sector-5, I.I.E., SIDCUL, Ranipur, Haridwar, Uttarakhand**

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

Certificate Number **TC-7011**

Page 10 of 11

Validity **12.03.2018 to 11.03.2020**

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
10.	Levo-menthol	Identification	BP 2017, Volume III, Page III-788	Qualitative
11.	Cream/Liquid Tablets	Assay as L-Menthol		2 % to 10 %
		Heavy metals by ICP-OES	BP 2017, Volume V, Appendix VII, 2.2.57, Page V-A283	
		Arsenic		0.1 mg/Kg to 20 mg/Kg
		Mercury		0.1 mg/Kg to 20 mg/Kg
		Lead		0.1 mg/Kg to 20 mg/Kg
		Cadmium		0.1 mg/Kg to 20 mg/Kg
		Copper		0.1 mg/Kg to 20 mg/Kg
		Nickel		0.1 mg/Kg to 20 mg/Kg
12.	Syrup	Heavy metals by ICP-OES	BP 2017, Volume V, Appendix VII, 2.2.57, Page V-A283	
		Arsenic		0.1 mg/Kg to 20 mg/Kg
		Mercury		0.1 mg/Kg to 20 mg/Kg
		Lead		0.1 mg/Kg to 20 mg/Kg
		Cadmium		0.1 mg/Kg to 20 mg/Kg
		Copper		0.1 mg/Kg to 20 mg/Kg
			Nickel	
13.	Water for Injection	Particulate matter $\geq 10$	IP (2014), Volume -I, Page No. 270, 2.5.9, Method-2	100 to 10,000
		$\mu\text{m}$	BP (2017), Volume-V, Page No.A405 Appendix XIII A, Method-I	
			USP40(2017), Volume-I, Page <788>665 (Method -I)	
14.	Water for Injection	Particulate matter $\geq 25$	IP (2014), Volume -I, Page No. 270, 2.5.9, Method-2	10 to 1,000
		$\mu\text{m}$	BP (2017), Volume-V, Page No.A405 Appendix XIII A, Method-I	

Laboratory **Upadhrish Reserchem LLP (Commercial Test House), Plot No.-7, Sector-5, I.I.E., SIDCUL, Ranipur, Haridwar, Uttarakhand**

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

Certificate Number **TC-7011**

Page 11 of 11

Validity **12.03.2018 to 11.03.2020**

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
			USP40(2017), Volume-I, Page <788>665(Method -I)	
15.	<b>Telmisartan IP</b>	Particle Size Distribution	BP 2017, Vol-V, A537, URTH/GTP/005	1 µm to 500 µm
		Laser	IP 2014, Vol-I, Page 259, Method B	
		Diffraction Liquid Method	USP 40, Vol-I, Page <429>354,	
16.	<b>Torseמידe IP</b>	Particle Size Distribution by Laser	BP 2017, Vol-V, A537, URTH/GTP/004	1 µm to 500 µm
		Diffraction	IP 2014, Vol-I, Page 259, Method B	
		Dry Method	USP 40, Vol-I, Page 354, <429>	
<b>II.</b>	<b>COSMETICS &amp; ESSENTIAL OILS</b>			
1.	<b>Toothpaste</b>	pH of aqueous solution	IS 6356:2001, RA 2006	1 to 12
		Heavy metals	IS 6356:2001, RA 2006	Qualitative
		Arsenic	IS 6356:2001, RA 2006	Qualitative
		Foaming power	IS 6356:2001, RA 2006	30 ml to 95 ml
2.	<b>Shampoo</b>	pH	IS 7884:2004, RA 2009, Annex C	1.0 to 12.0
		Foam height	IS 7884:2004, RA 2009, Annex D	100 mm to 350 mm
3.	<b>Hair oils</b>	Acid value	IS 7123:1993, RA 2009, Annex A-2	0.5 to 15
		Peroxide value	IS 7123:1993, RA 2009, Annex A-4	0.5 millieq /1000 g to 10 millieq /1000 g