



TAMILNADU TEST HOUSE

REFERENCE / WORKING STANDARDS

Reference standards are one of the key factors for consistently good quality of Pharmaceutical Products. They are used as Primary or Secondary standards for the quality control of Active Pharmaceutical Ingredients (API) and Finished Products.

Quality Control in our Laboratory is responsible for testing of **227 Active Pharmaceutical Ingredients (API) and Finished Products** produced by Manufacturers. For the analyses of this number of different substances and products we are handling with Sophisticated Instruments like High Performance Liquid Chromatography with Auto-sampling System & Gas Chromatography with Head Space with skilled and trained personnel.

Within Tamilnadu Test House, chemical reference standards are centrally managed and coordinated by controlling manager with a decentralized analytical testing by laboratory experts. Linked to their routine use, four types of RS are defined: Primary standards (PS) and Working Standards (WS) for content and identity determinations, Reference Materials (RM) for identification purpose

and system suitability testing, and Official Standards (OS) for both, depending on the use defined by the compendia.

The declared content of PS is calculated on an as is basis taking all determined components in to account. The same procedure is applied for WS (if purity >98%) in order to minimise the propagation of errors. The calculated result is verified vs. a content determination using a PS or compendia standard, or an absolute content method.

S.No.	Name of the Material	ID No.
1	Aceclofenac	TNTH/P/WS-001
2	N. Acetyl Cresterine	TNTH/P/WS-002
3	Aciclovir	TNTH/P/WS-003
4	Amoxicillin Trydrate	TNTH/P/WS-004
5	Atorvastatin Calsium	TNTH/P/WS-005
6	Ambroxol HCL	TNTH/P/WS-006
7	Azithromycin	TNTH/P/WS-007
8	Ascorbic Acid Coated	TNTH/P/WS-008
9	Amoxicillin	TNTH/P/WS-009
10	Ambroxol	TNTH/P/WS-010
11	Azithromycin dydrate	TNTH/P/WS-011
12	L. Acetyl	TNTH/P/WS-012
13	L. Cystine	TNTH/P/WS-013
14	Acebrofylline	TNTH/P/WS-014
15	Acebrofylline	TNTH/P/WS-015
16	Amitryphyline HCL	TNTH/P/WS-016
17	N- Acetyl L- Cysteine	TNTH/P/WS-017
18	N- Acetyl cysteine	TNTH/P/WS-018

19	Dried Aluminium Hydroxide	TNTH/P/WS-019
20	Bronopol	TNTH/P/WS-020
21	Benidine HCL WS	TNTH/P/WS-021
22	Butylated hydroxy Toluene	TNTH/P/WS-022
23	Bromhexine HCL	TNTH/P/WS-023
24	Benfortiamine	TNTH/P/WS-024
25	Buclitine HCL	TNTH/P/WS-025
26	Cetostearyl Alcohol	TNTH/P/WS-026
27	Clotrimazole	TNTH/P/WS-027
28	Cyproheptadine HCL	TNTH/P/WS-028
29	Cyproheptadine	TNTH/P/WS-029
30	Chromium Picolinate	TNTH/P/WS-030
31	Cetrixime	TNTH/P/WS-031
32	Clindamycin HCL	TNTH/P/WS-032
33	Clostimethate Sodium	TNTH/P/WS-033
34	Crosiovidone XL-10	TNTH/P/WS-034
35	Chitro Inositol	TNTH/P/WS-035
36	Celecoxib	TNTH/P/WS-036
37	Cefixime trydrate	TNTH/P/WS-037
38	Carbamazepine	TNTH/P/WS-038
39	Caffeine	TNTH/P/WS-039
40	Calcium Citrate	TNTH/P/WS-040
41	Cetirizine	TNTH/P/WS-041
42	Calcium L-5 methyl tetra hydrofolate	TNTH/P/WS-042
43	Calcium D pantathenate	TNTH/P/WS-043
44	Cefadamilo monohydrate	TNTH/P/WS-044
45	Citric Acid	TNTH/P/WS-045
46	Cinnarizine	TNTH/P/WS-046
47	cyano Cobalamin	TNTH/P/WS-047

48	Cephalexine	TNTH/P/WS-048
49	Cetedroxilk	TNTH/P/WS-049
50	Clopidogrel bisulphate	TNTH/P/WS-050
51	Calcium citrate maleate	TNTH/P/WS-051
52	Cefixime	TNTH/P/WS-052
53	Calcium Oxalate	TNTH/P/WS-053
54	Clonazepam	TNTH/P/WS-054
55	Cetirizine HCL	TNTH/P/WS-055
56	Coperamide	TNTH/P/WS-056
57	Crosporidone	TNTH/P/WS-057
58	Colloidal Silicondioxide	TNTH/P/WS-058
59	Crosporidone	TNTH/P/WS-059
60	Dextrose anhydrous	TNTH/P/WS-060
61	Dextromethor Rhan HBR	TNTH/P/WS-061
62	Diacerin	TNTH/P/WS-062
63	Dhenhydramine HCL	TNTH/P/WS-063
64	Domperidon	TNTH/P/WS-064
65	Doxycyline	TNTH/P/WS-065
66	Doxofilline	TNTH/P/WS-066
67	Dutasteride	TNTH/P/WS-067
68	Dextromethorphan HBR	TNTH/P/WS-068
69	Dexketoprofen Trometamol	TNTH/P/WS-069
70	Diethyl Carbamazine Citrate	TNTH/P/WS-070
71	Dapoxetine HCL	TNTH/P/WS-071
72	Desvenlafaxine	TNTH/P/WS-072
73	Deflazocort	TNTH/P/WS-073
74	Deoxycycline Hyclate	TNTH/P/WS-074
75	Diclofenac Sodium	TNTH/P/WS-075
76	Dapoxetine HCL	TNTH/P/WS-076

77	Ethyl Cellulose	TNTH/P/WS-077
78	EDTA disodium	TNTH/P/WS-078
79	Etodolac	TNTH/P/WS-079
80	Efidronate Disodium	TNTH/P/WS-080
81	Emamectin	TNTH/P/WS-081
82	Esomeprazole Magnesium	TNTH/P/WS-082
83	Folic Acid	TNTH/P/WS-083
84	Flunaxinedi HCl	TNTH/P/WS-084
85	Furosemide	TNTH/P/WS-085
86	Flunarizine	TNTH/P/WS-086
87	Flunarizine HCL	TNTH/P/WS-087
88	Fluconazole	TNTH/P/WS-088
89	Fenofibrate	TNTH/P/WS-089
90	Fumed silica Aerosil	TNTH/P/WS-090
91	Fezomine- C	TNTH/P/WS-091
92	Glimipiride	TNTH/P/WS-092
93	Glumatic Acid	TNTH/P/WS-093
94	L- Glutamic Acid	TNTH/P/WS-094
95	Glucosamine sulfate pottasium chloride	TNTH/P/WS-095
96	Gliclazide	TNTH/P/WS-096
97	Hyoscine Hydrobromide	TNTH/P/WS-097
98	Hydroxy propyl cellulose	TNTH/P/WS-098
99	Hydroxy propyl methyl cellulose	TNTH/P/WS-099
100	Hydrophilic pyrogenic silica	TNTH/P/WS-100
101	Hydro Cortisone Acetate	TNTH/P/WS-101
102	Hypromellose	TNTH/P/WS-102
103	Ibandronate Sodium	TNTH/P/WS-103
104	Ibuprofen	TNTH/P/WS-104

105	Isoniazid	TNTH/P/WS-105
106	Inositol	TNTH/P/WS-106
107	Ibuprofen Sodium	TNTH/P/WS-107
108	Iguratimod	TNTH/P/WS-108
109	Irbesartan	TNTH/P/WS-109
110	Ketotifen Hydrogen fumarate	TNTH/P/WS-110
111	Ketotifen fumarate	TNTH/P/WS-111
112	Loperamide	TNTH/P/WS-112
113	Loperamide HCL	TNTH/P/WS-113
114	Alpha lipolic acid	TNTH/P/WS-114
115	Levetriacetam	TNTH/P/WS-115
116	Levocetixizine HCL	TNTH/P/WS-116
117	Luliconazole	TNTH/P/WS-117
118	L- Lysine mono HCl	TNTH/P/WS-118
119	Lorazepam	TNTH/P/WS-119
120	Lacosamide	TNTH/P/WS-120
121	Matrodextrin	TNTH/P/WS-121
122	Magnesium stearate	TNTH/P/WS-122
123	Magnesium Hydroxide	TNTH/P/WS-123
124	Magaldrate	TNTH/P/WS-124
125	Methyl sulfonic Methane	TNTH/P/WS-125
126	Menthol	TNTH/P/WS-126
127	L- Methionine	TNTH/P/WS-127
128	Meclizine HCl	TNTH/P/WS-128
129	Melatonin 99%	TNTH/P/WS-129
130	2- Mercapto Benzimidazole	TNTH/P/WS-130
131	Mupirocin	TNTH/P/WS-131
132	Methyl Cobalamine	TNTH/P/WS-132
133	L- Methyl folate Magnesium	TNTH/P/WS-133

134	Methyl paraban sodium	TNTH/P/WS-134
135	Metformin HCL	TNTH/P/WS-135
136	Myoinositol	TNTH/P/WS-136
137	Methyl folate calcium	TNTH/P/WS-137
138	Mesalamine	TNTH/P/WS-138
139	Niacinamide	TNTH/P/WS-139
140	Nalidixic Acid	TNTH/P/WS-140
141	Nifedipine	TNTH/P/WS-141
142	Ofloxacin	TNTH/P/WS-142
143	Oxetacaine	TNTH/P/WS-143
144	Quinapyramine	TNTH/P/WS-144
145	Risperidone	TNTH/P/WS-145
146	Ranitidine HCL	TNTH/P/WS-146
147	Risdronate Sodium	TNTH/P/WS-147
148	Pancreatin pellets	TNTH/P/WS-148
149	Paracetamol	TNTH/P/WS-149
150	Papain	TNTH/P/WS-150
151	Pantoprazole sodium	TNTH/P/WS-151
152	Phenylephrine HCL	TNTH/P/WS-152
153	Polyethylene Glycol	TNTH/P/WS-153
154	L- Phenylalanine	TNTH/P/WS-154
155	D- Pencillamine	TNTH/P/WS-155
156	Penilloic Acid	TNTH/P/WS-156
157	Primidone	TNTH/P/WS-157
158	Piperin	TNTH/P/WS-158
159	Pentoxy fylline	TNTH/P/WS-159
160	Pyridoxine	TNTH/P/WS-160
161	Polacrilin pottasium	TNTH/P/WS-161
162	Pregabalin	TNTH/P/WS-162

163	Povidone	TNTH/P/WS-163
164	Promethazine HCL	TNTH/P/WS-164
165	Purified Talc	TNTH/P/WS-165
166	Sodium Lauryl Sulphate	TNTH/P/WS-166
167	Sodium methyl paraben	TNTH/P/WS-167
168	Sodium Stearyl fumarate	TNTH/P/WS-168
169	Sucralfate	TNTH/P/WS-169
170	Sulfamethaxazole	TNTH/P/WS-170
171	Solicin- 10 (Blend)	TNTH/P/WS-171
172	Saccharin Sodium	TNTH/P/WS-172
173	Salbutamol SO4	TNTH/P/WS-173
174	Saw pallmette Extract	TNTH/P/WS-174
175	Sodium Bromide	TNTH/P/WS-175
176	Serratie peptidase	TNTH/P/WS-176
177	Sevelamer peptidase	TNTH/P/WS-177
178	Sevelamer carbonate	TNTH/P/WS-178
179	Sinopol peg- 4000 powder	TNTH/P/WS-179
180	Sodium bicarbonate	TNTH/P/WS-180
181	Sodium benzoate	TNTH/P/WS-181
182	Sodium carbonate	TNTH/P/WS-182
183	Sodium feriedetat	TNTH/P/WS-183
184	Sucralfate	TNTH/P/WS-184
185	Tadalafil	TNTH/P/WS-185
186	Tinidazole	TNTH/P/WS-186
187	Tamsulosin HCL	TNTH/P/WS-187
188	Thiocolchicoride	TNTH/P/WS-188
189	L- Tyrosine	TNTH/P/WS-189
190	Trimethoprim	TNTH/P/WS-190
191	Tranexamic Acid	TNTH/P/WS-191

192	Tramadol HCL	TNTH/P/WS-192
193	Tramadol	TNTH/P/WS-193
194	Topamed	TNTH/P/WS-194
195	Titanium dioxide	TNTH/P/WS-195
196	Vitamin K2-7 1000 PPM	TNTH/P/WS-196
197	Voglibose	TNTH/P/WS-197
198	L- Valine Methyl ester	TNTH/P/WS-198
199	Warfarine Sodium clathrate	TNTH/P/WS-199
200	Menadione	TNTH/P/WS-200
201	Gentamycin sulphate	TNTH/P/WS-201
202	Neomycin sulphate	TNTH/P/WS-202
203	Riboflavin	TNTH/P/WS-203
204	Riboflavin 5 phosphate	TNTH/P/WS-204
205	Menaquinone	TNTH/P/WS-205
206	Thiamine HCL	TNTH/P/WS-206
207	Alpha tocopherol Acetate	TNTH/P/WS-207
208	Vitamin A retinol Acetate	TNTH/P/WS-208
209	Nicotinic Acid	TNTH/P/WS-209
210	Pyridoxine HCL	TNTH/P/WS-210
211	D- Panthenol	TNTH/P/WS-211
212	Methyl Cobalamide	TNTH/P/WS-212
213	Vitamin C Coated	TNTH/P/WS-213
214	Cholecalciferol	TNTH/P/WS-214
215	Serotonine HCL	TNTH/P/WS-215
216	Vincristine Sulphate	TNTH/P/WS-216
217	Metronidazole	TNTH/P/WS-217
218	Gallic Acid	TNTH/P/WS-218
219	D- Biotin	TNTH/P/WS-219
220	Ajmalicine	TNTH/P/WS-220

221	Methoprene	TNTH/P/WS-221
222	Ascorbic Acid Plain	TNTH/P/WS-222
223	Sodium Starch Glycolate	TNTH/P/WS-223
224	Sodium Citrate	TNTH/P/WS-224
225	Acetaminophen	TNTH/P/WS-225
226	Sodium Bromide	TNTH/P/WS-226
227	Flunarazine	TNTH/P/WS-227