

Contents		Page
Foreword		vi
Introduction		vii
1	Scope	1
2	Normative references	1
3	BioAPI C# namespace structure	1
3.1	Overall structure	1
3.2	Namespace BioAPI	1
3.2.1	Namespace description	1
3.2.2	Structure	1
3.3	Namespace BioAPI.Data	2
3.3.1	Namespace description	2
3.3.2	Structure	2
4	Data types and constants	2
4.1	Class ACBioParameters	2
4.1.1	Description	2
4.1.2	Properties summary	2
4.2	Class BFPListElement	2
4.2.1	Description	2
4.2.2	Properties summary	2
4.3	Class BFPSchema [Serializable()]	3
4.3.1	Description	3
4.3.2	Properties summary	3
4.3.3	Method summary	3
4.4	Class BIR	3
4.4.1	Description	3
4.4.2	Properties summary	4
4.4.3	Method summary	5
4.5	Class BSPSchema [Serializable()]	5
4.5.1	Description	5
4.5.2	Properties summary	6
4.5.3	Method summary	7
4.6	Class Candidate	7
4.6.1	Description	7
4.6.2	Properties summary	7
4.7	Class DataTypes	7
4.7.1	Description	7
4.7.2	Enumerations	8
4.8	Class date	14
4.8.1	Description	14
4.8.2	Properties summary	15
4.8.3	Methods summary	15
4.9	Class FrameworkSchema	15
4.9.1	Description	15
4.9.2	Properties summary	15
4.9.3	Method summary	16
4.10	Class GUIBitmap	16
4.10.1	Description	16

4.10.2	Properties	16
4.10.3	Method summary	16
4.11	Class Identifypopulation	17
4.11.1	Description	17
4.11.2	Properties summary	17
4.11.3	Method summary	17
4.12	Class PopulationMember	17
4.12.1	Description	17
4.12.2	Properties summary	17
4.13	Class RegistryID	18
4.13.1	Description	18
4.13.2	Properties summary	18
4.14	Class SecurityProfileType	18
4.14.1	Description	18
4.14.2	Properties summary	18
4.14.3	Method summary	18
4.15	Class UnitList	19
4.15.1	Description	19
4.15.2	Properties summary	19
4.15.3	Methods summary	19
4.16	Class UnitListElement	19
4.16.1	Description	19
4.16.2	Properties summary	19
4.17	Class UnitSchema	19
4.17.1	Description	19
4.17.2	Properties summary	20
4.17.3	Method summary	20
4.18	Class UUID [Serializable()]	20
4.18.1	Description	20
4.18.2	Properties	21
5	Object-oriented interfaces for supporting BioAPI_Units	21
5.1	General	21
5.2	Interface IArchive	21
5.2.1	Description	21
5.2.2	Method summary	22
5.3	Interface IComparison	24
5.3.1	Description	24
5.3.2	Method summary	25
5.4	Interface IProcessing	27
5.4.1	Description	27
5.4.2	Method summary	28
5.5	Interface ISensor	29
5.5.1	Description	29
5.5.2	Method summary	29
6	BFP level	30
6.1	Interface IBFP	30
6.1.1	Description	30
6.1.2	Imported interfaces	30
6.1.3	Properties summary	30
6.1.4	Events summary	30
6.1.5	Method summary	31
7	BSP level	33
7.1	Interface IBSP	33
7.1.1	Description	33
7.1.2	Imported interfaces	33
7.1.3	Properties summary	33
7.1.4	Events summary	33
7.1.5	Method summary	33

8	Framework level	40
8.1	Interface IComponentRegistry	40
8.1.1	Description	40
8.1.2	Method summary	41
8.2	Interface IFramework	42
8.2.1	Description	42
8.2.2	Inherited interfaces	42
8.2.3	Properties summary	42
8.2.4	Method summary	43
9	Application interaction	47
9.1	Class BioAPIException: Exception	47
9.1.1	Description	47
9.1.2	Constructor summary	48
9.1.3	Properties summary	48
9.1.4	Method summary	49
9.2	Callback functions	49
9.2.1	Description	49
9.2.2	Callback functions specification	50
	Annex A (informative) Calling sequence examples and sample code	55
	Bibliography	56