

The following Standards are based on Pulse Australia Standards CSP – 7.2.1 Lentils – Whole Red No.1 Farmer Dressed			NIPT1 / HAL1
<b>Purity</b>	Min % by Weight	<b>VARP</b>	97
<b>Moisture</b>	Max %	<b>MO</b>	14.0
<b>Test Weight</b>	Grams	<b>TWP</b>	200
<b>Foreign Material</b> (All Foreign Matter other than Lentils) <i>of which</i>	Max % by Weight	<b>TFP</b>	3.0
<b>Unmillable Material</b> (Includes soil, sclerotes & other non-vegetable matter) <i>of which</i>	Max % by Weight	<b>SAP</b>	0.5
<b>Earth / Sand / Soil</b>	Max % by Weight	<b>EAP</b>	0.3
<b>DEFECTIVE SEEDS - Tolerances apply to a 200g sample</b>			
<b>Defective</b> kernels that are black, broken, chipped, diseased, frost damaged, insect damaged, orange tip, sappy, shrivelled, split, sprouted, weather damaged, wrinkled, poor colour seed coat and kernel. Includes pods that contain Red Lentils, loose seed coat, and all Red Lentil seed material falling through the 2.0mm slotted screen. <i>of which</i>	Max % by Weight	<b>DG</b>	4.0
<b>Varietal Admixture</b> (Red Lentils not of the specified variety)	Max % by Weight	<b>VA</b>	1.0
<b>Poor Seed Coat Colour</b> (Includes any disease, frost and water staining. Includes Fungal Affected (Aschochyta)	Max % by Weight	<b>PCS</b>	1.0
<b>Poor Kernel Colour</b> Includes any disease, frost and water staining, and green, brown, black, yellow, bleached, and chalky white kernels. Includes Fungal Affected (Aschochyta)	Max % by Weight	<b>PCK</b>	1.0
<b>Severely Damaged:</b> Mould, Heat Damaged / Burnt, or Other Serious Visual Defects	Max by Count	<b>MS</b>	1
<b>Contrasting Colour</b>	Max % by Weight	<b>CC</b>	1.0
<b>SEED CONTAMINANTS - Max by Count - Tolerances apply to seeds per 200g</b>			
<b>Type 1</b> Colocynth, Double Gee/Spiny Emex/Three Cornered Jack, Jute, New Zealand Spinach, Poppy Field, Poppy Horned, Poppy Long Head, Poppy Mexican, Poppy Wild.	Individual Seeds	<b>S1</b>	4
<b>Type 2</b> Caster Oil Plant, Coriander, Crow Garlic (Wild Garlic), Darling Pea, Opium Poppy, Ragweed, Rattlepods, Starburr, St. Johns Wort, Parthenium Weed, Peanut seeds and pods	Seeds in Total	<b>S2</b>	Nil
<b>Type 3a</b> Bathurst Burr, Bulls Head/Caltrop/Cats Head, Cape Tulip, Cottonseed, Dodder, Noogoora Burr, Thornapple, Branched Broomrape	Seeds in Total	<b>3A</b>	1
<b>Type 3b</b> Vetch(Tare), Vetch(Commercial)	Seeds in Total	<b>3B</b>	2
<b>Type 3c</b> Heliotrope(Blue). Heliotrope(Common) pods must be opened and seeds counted	Seeds in Total	<b>3C</b>	4
<b>Type 4</b> Bindweed, Cutleaf Mignonette, Darnel, Hexham Scent or Meliot (King Island), Hoary Cress, Mintweed, Nightshades, Paddy Melon, Skeleton Weed, Variegated Thistle	Seeds in Total	<b>S4</b>	10
<b>Type 5</b> Knapweed (Creeping/Russian) Patterson's Curse/Salvation Jane, Sesbania Pea	Seeds in Total	<b>S5</b>	20
<b>Type 6</b> Clover(Pods), Columbus Grass, Johnson Grass, Lucerne(Pods), Marshmallow(pods), Medic(Pods), Muskweed(Pods), Saffron Thistle, Sow Thistle(Heads), Trefoil(Pods), Wild Raddish(Pods)	Seeds in Total	<b>S6</b>	5
<b>Type 7a</b> Adzuki Beans, Broad beans, Chickpeas(Desi/Kabuli), Corn, Cowpea, Faba Beans, Lupin, Mung Beans, Peas(Field), Pigeon Peas, Soybean, Faba Beans, Lentils, Onion Weed Pods. Any other seed or pods greater than 5mm diameter.	Seeds in Total	<b>7A</b>	10
<b>Type 7b</b> Bindweed(Australian), Bindweed(Black), Carrot Weed, Durum, Oats(Black/Wild), Oats(Sand), Ryegrass on Stalk, Turnip Weed Pods, Brome Grass. Any other seed not specified in TYPE 1 to TYPE 7a, TYPE 7c, TYPE 8, CEREAL SEEDS or SFS	Seeds in Total	<b>7B</b>	10
<b>Type 7c</b> Safflower, Sunflower	Seeds in Total	<b>7C</b>	1
<b>Type 8</b> Bellvine	Seeds in Total	<b>S8</b>	100
<b>Cereal Seeds</b> Wheat, Durum, Barley, Oats (common), Sorghum, Triticale, Cereal Rye, Maize, Rice	Seeds in Total	<b>OC</b>	2
<b>Small Foreign Seeds</b> – seeds not listed in Types 1-8 or Cereal Seeds falling below the specified screen	Max % by Weight	<b>SSP</b>	0.6
<b>OTHER CONTAMINANTS</b>			
<b>Snails (dead or alive)</b>	MAX count	<b>SN</b>	1
<b>Field Insects (dead or alive)</b>	MAX count	<b>FI</b>	15
<b>Grasshoppers and Locusts (dead or alive)</b>	MAX count	<b>GH</b>	2
<b>Ryegrass Ergot</b>	cm in length	<b>RE</b>	2.0
<b>Gumnuts – Whole or pieces of Gumnut any size and maturity (Per 2 kilograms)</b>	Max count	<b>GU</b>	1
<b>OBJECTIONABLE MATERIAL - NIL Tolerance Entire Load</b>			
<ul style="list-style-type: none"> <li>Animal excreta, rodents (live or dead), live stored product insect pests</li> <li>Any chemical not registered for use on Pulses or used in excess of legal tolerances or in excess of the MRL</li> <li>Any pickling compounds / seed dressings or any fungicide added to the Pulses as a seed dressing.</li> <li>Any tainting agents and / or contaminants imparting an odour not normally associated with Pulses, any commercially objectionable odour / or an odour not normally associated with Pulses</li> <li>Ergot of any commodity except ryegrass ergot (for which a tolerance may apply)</li> <li>Any other commercially unacceptable contaminant such as glass, metal, fertiliser, concrete</li> </ul>		<b>OM</b>	Nil

Grade	Varieties	Grade	Varieties
NIPT1	Nipper, Herald XT, Hurricane XT PBA, Highland XT PBA, Lightning GIA, Thunder GIA, Dane ALB, Burdett ALB	HAL1	Hallmark XT PBA
NUGT1	Nugget, Bolt PBA, Blitz PBA, Ace PBA, Kelpie XT PBA, Leader GIA	FLA1	Flash PBA
LR1	Jumbo PBA, Jumbo2 PBA, Metro GIA		