

Certificate of analysis

Certificate of analysis AK12001711
Quality order OK0004499

Customer requisition 2015-053/JS
Mode of delivery
Vehicle Num. STO30XA / AB269ST
Net weight 22.000 kg

Glycerin Pharma 99,5 % drums

Production date 28.04.2015 Batch number 150428E022 Best before date 28.4.2017

Test result		Quality	Method
Taking of average sample in factory	Make		ČSN 66 1322
Water content	0,1 %	0,0 - 0,5	
Impurities visual	Correspond		ZMA-0176
Sulfated ash	0,00 %	0,00 - 0,01	Ph. Eur.7.
Glycerol content	99,5 %	99,5 - 100,0	Ph. Eur.7.
Esters according to Pharmacopeia	8,1 ml 0,1M HC	8,0 - 100,0	Ph. Eur.7.
Colour APHA/HAZEN	2	0 - 10	ZMA-0032
Refractive index	1,473	1,470 - 1,475	Ph. Eur.7.
Appearance	Correspond		ZMA-0176
Odour	Correspond		ZMA-0176
Identity test	Correspond		Ph. Eur.7.
Acid or basic react.subst.	Correspond		Ph. Eur.7.
Sugar according to Czech Pharm.	Correspond		Ph. Eur.7.
Aldehyd. and red. Subst. acc. to Czech Pharm.	Correspond		Ph. Eur.7.
Halogen compounds according to Czech Pharm.	Correspond		Ph. Eur.7.
Chlorides	Correspond		Ph. Eur.7.
Heavy metals	Correspond		Ph. Eur.7.
Impurity A and related substances	Correspond		

Department of the quality management
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